

GP3.9:67/44

MONTHLY CATALOG



OAM-INV6070

UNITED STATES

GOVERNMENT PUBLICATIONS

AUGUST 1964

Entries 13556-15180

835

R

015.973

Un3mo

1964

DISTRIBUTION OF PUBLICATIONS

In ordering publications listed in this catalog, it should be noted that *only* those marked with an asterisk (*) are obtainable from the Superintendent of Documents.

Publications marked with a farad (Φ) are sold by the Office of Technical Services, Commerce Dept.

Where a single dagger (†) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

* For sale by SUPERINTENDENT OF DOCUMENTS

Φ For sale by Office of Technical Services,
Commerce Dept.

† Distribution made by Issuing Office. Not
definitely available if unaccompanied by
a price

‡ Printed for Official Use
(not available for distribution)

• Sent to Depository Libraries

MONTHLY CATALOG

OF UNITED STATES
GOVERNMENT PUBLICATIONS



AUGUST 1964

Number 835

Entries 13556-15180

Issued by the SUPERINTENDENT OF DOCUMENTS

UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C., 20402 : 1964

MONTHLY
CATALOG

OF UNITED STATES
GOVERNMENT PUBLICATIONS

Number 528 AUGUST 1934

L.C. Card 4-18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT
PRINTING OFFICE, WASHINGTON, D.C., 20402. PRICE 50 CENTS PER COPY
EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE
SUBSCRIPTION PRICE \$4.50 PER YEAR (INCLUDING INDEX)
\$1.50 ADDITIONAL FOR FOREIGN MAILING

Issued by the SUPERINTENDENT OF DOCUMENTS
UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402

PREVIEWS

The following publications are in the process of being printed. Advance sales orders may be placed for these publications. Orders will be scheduled and copies mailed as soon as stocks are received. It is not possible to estimate the lapse of time before the publications will actually appear. All information in regard to title, series, classification, distribution, and price given in these listings is preliminary and subject to change when the publications actually come from the press. Those so marked will be sent to depository libraries, providing, that at the time of going to press, the libraries were on list to receive the items under which these publications will be distributed.

- AAS-NASA symposium on physics of solar flares. (National Aeronautics and Space Administration, NASA SP-50.) \$3.25. ● NAS 1.21: 50
- Cancer rates and risks. (National Institutes of Health, Public Health Publication 1148.) 40c. ● FS 2.22: C 16/23
- Chemical statistics directory, no. 3. (Business and Defense Services Administration.) 55c. ● C 41.2: C 42/2/no. 3
- Clarity in technical reporting. (National Aeronautics and Space Administration, NASA SP 7010.) 15c. ● NAS 1.21: 7010
- Commercial potato production. (Agriculture Department, Agriculture handbook 267.) 60c. ● A 1.76: 267
- Common trees of Puerto Rico and the Virgin Islands. (Agriculture Department, Agriculture handbook 249.) \$4.25. ● A 1.76: 249
- Decisions and orders, National Labor Relations Board, vol. 143. \$5.00. ● LR 1.8: 143
- Dining areas, house planning aids. (Agriculture Department, Miscellaneous publication 960.) 5c. ● A 1.38: 960
- Emergency health preparedness publications catalog. (Public Health Service, Publication 1071-A-1, Health mobilization series.) 20c. ● FS 2.302: A-1
- Establishing and managing young apple orchards. [Slightly revised July 1964.] (Agriculture Department, Farmers' bulletin 1897.) 15c. ● A 1.9: 1897/5
- Evaluation of bermuda grass varieties for general purpose turf. (Agriculture Department, Agriculture handbook 270.) 25c. ● A 1.76: 270
- Farmers' checklist for pesticide safety. (Agriculture Department, Program aid, PA-622.) 5c. ● A 1.68: 622
- Forests and forest industries of Brazil. (Forest Service, Forest resource report 16.) 40c. ● A 13.50: 16
- 4-H clubs. (Agriculture Department, Program aid, PA-512, Revised.) 5c. ● A 1.68: 512/2
- Guide to budgeting for the young couple. (Agriculture Department, Home and garden bulletin 98.) 10c. ● A 1.77: 98
- Homemakers estimates on how long food on hand could be made to last. (Agriculture Department, Marketing research report 669.) 40c. ● A 1.82: 669
- Improved handling of dairy products in retail food stores. (Agriculture Department, Marketing research report 661.) 20c. ● A 1.82: 661
- Instruction in farm mechanics. (Education Office, OE-81009, Vocational Division bulletin 267, Agriculture series 70.) 50c. ● FS 5.281: 81009
- Interplanetary Explorer satellites (Explorer XVII). (National Aeronautics and Space Administration, NASA facts v. 2, no. 1.) 15c. ● NAS 1.20: 2/1
- Manpower development and training program, management aide in low-rent public housing project, suggested training program. (Education Office, OE-87001.) 20c. ● FS 5.287: 87001
- Manpower development and training program, supervised food service worker, suggested training program. (Education Office, OE-87004.) 20c. ● FS 5.287: 87004

- Pinnacles National Monument, Calif.** (National Park Service.) 10c. ●
I 29.21 : P 65/2/964
- Producer delivery pattern in New England markets.** (Agriculture Department. Marketing research report 672.) 65c. ● A 1.82 : 672
- Profitable sale in U.S. trade centers overseas.** [Revised July 1964.] (International Commerce Bureau.) 15c. ● C 42.2 : T 67/11
- Reemployment rights of Federal employees who perform duty in the Armed Forces.** (Civil Service Commission, Pamphlet 51, Revised.) 5c. ● CS 1.48 : 51/5
- Research for health, report from National Institutes of Health.** (National Institutes of Health, Public Health Service publication 1205.) 55c. ● FS 2.22 : R 31/9
- Specifications for Library of Congress microfilming.** (Library of Congress.) LC 1.6/4 : M 58
- Student trainee report, summer 1963.** (Weather Bureau.) 50c. ● C 30.77 : 963
- Success and failure factors in small business.** (Small Business Administration, Administrative management course program, Topic 1.) \$1.25. ● SBA 1.24 : 1
- Treasury agent.** (Treasury Department.) 30c. ● T 1.2 : T 71/5/964
- U.S. balance of payments, simplified international accounts and how it affects our economy.** (Commerce Department.) 25c. ● C 1.2 : P 29

Contents

	Page
Previews -----	III
Abbreviations, Explanation -----	VI
General Information -----	VII
How To Order Publications -----	VIII
New Classification Numbers -----	IX
Discontinued Series -----	X
Corrections for Previous Monthly Catalogs -----	X
Classified List of Government Au- thors -----	XI
Monthly Catalog -----	1
Index -----	99

Abbreviations

add-----	addition, addendum, addenda.	n. d.-----	no date.
amdt., amdts-----	amendment, amendments.	n. p.-----	no place.
app-----	appendix, appendixes.	no., nos-----	number, numbers.
bk., bks-----	book, books.	p-----	page, pages.
chap-----	chapter, chapters.	p. of pl-----	pages of plate.
Cong-----	Congress.	par., pars-----	paragraph, paragraphs.
Dept-----	Department.	pl-----	plate, plates.
doc-----	document.	por-----	portrait, portraits.
8°-----	Octavo.	pt., pts-----	part, parts.
fo-----	folio.	rp-----	report.
facsim-----	facsimile, facsimiles.	S-----	Senate, Senate bill.
4°-----	quarto.	S. Con. Res-----	Senate concurrent resolution.
fy-----	fiscal year.	S. doc-----	Senate document.
G.H.A-----	Greenwich hour angle.	S. ex. doc-----	Senate executive document.
H-----	House.	S. ex. rp-----	Senate executive report.
H. Con. Res-----	House concurrent resolution.	S. J. Res-----	Senate joint resolution.
H. doc-----	House document.	S. Res-----	Senate resolution.
H. ex. doc-----	House executive document.	S. rp-----	Senate report.
H. J. Res-----	House joint resolution.	sec-----	section, sections.
H. R-----	House of Representatives, House bill.	sess-----	session, sessions.
H. Res-----	House resolution.	16°-----	sixteenmo.
H. rp-----	House report.	Stat. L-----	Statutes at large.
il-----	illustration, illustrations.	supp-----	supplement.
in-----	inch, inches.	tab-----	table, tables.
lat-----	latitude.	32°-----	thirty-two mo.
long-----	longitude.	Treas-----	Treasury.
m-----	mile.	12°-----	twelvemo.
MRC-----	Mississippi River Commission.	24°-----	twenty-four mo.
		v-----	volume, volumes.
		vs., v-----	versus.

Common abbreviations for the names of States, months, etc., are also used.

Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [] are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C., or at Government departmental and field printing plants. Size is not given for octavo publications. Size of maps is approximate, measurement being made from outer edge of border, excluding margin. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

Under provisions of the Printing Act of January 12, 1895, all Government publications are entered in the Monthly Catalog. However, administrative and confidential (or restricted) publications are omitted.

The L.C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

General Information

The Superintendent of Documents, Government Printing Office, Washington, D.C., is authorized by law to sell copies of Government publications and to allow a discount of 25 percent to book dealers and also to quantity purchasers of 100 or more copies of a single publication on condition that they will adhere to the public sales price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

Publications cannot be supplied free to individuals nor forwarded in advance of payment.

PRICE LIST

There is no general price list of public documents, but numerous lists have been prepared on special subjects and any of these will be furnished free, on application, by subject or subjects concerning which information is desired. It will also be noted that current publications which are for sale are listed in this catalog.

LIST OF SELECTED PUBLICATIONS

In addition to the price lists, the Documents Office issues a biweekly list of Selected United States Government publications for sale by the Superintendent of Documents. Each list is arranged alphabetically by subjects, with annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

More than 12,000 different bills are usually introduced during a Congress, and there are additional prints on many during the progress of the legislation. With the exception of a very few—such as revenue bills—the demand is an unknown quantity and on most of them we receive no orders, which makes it impossible to print a sales supply. It may be that a copy could be obtained from your Congressman.

A difficult problem is also presented in providing a supply of congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress and only a few of them are called for. We will attempt to print for sale a few of the more important ones, but if not priced the only possible source would be from your Congressman.

HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (*) preceding the price. Those for sale by the Office of Technical Services, Commerce Department, are indicated by a farad (‡) preceding the price. A black dot (●) indicates that the publication has been or will be sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give (if known) the name of the publishing department, bureau, or agency, and the title, together with the classification number which is added to the entry at the extreme right; order the congressional documents and reports by the title, together with the document or report number and the Congress, e.g., H. doc. 103, 88th Congress.

Do not use the L.C. card number in ordering a publication from the Superintendent of Documents.

HOW TO REMIT

Remittances for documents marked with an asterisk (*) should be made to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402, by coupon, postal money order, express order, or check. Publications cannot be mailed in advance of receipt of remittance. Currency may be sent at sender's risk. Foreign remittances should be made either by international money order or draft on an American bank.

Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.

For the convenience of the general public, coupons in the denomination of 5c that are good until used in exchange for Government publications sold by the Superintendent of Documents, may be purchased from this office. Address order to Superintendent of Documents, Government Printing Office, Washington, D.C., 20402.

Persons who made frequent purchases from the Superintendent of Documents may find a deposit account convenient. Deposits of \$25.00 or more are accepted against which orders may be placed without making individual remittances or first obtaining quotations. Order blanks are furnished for this purpose. After the handling of the order has been completed, it will be returned showing the publications supplied, explanations regarding those not sent, the amount of charge, and the balance on deposit.

No charge is made for postage on documents forwarded to points in Untied States and possessions, or to Canada, Cuba, Mexico, and certain Central and South American countries. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-fourth of the price of the publication.

LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

The classification given at the right of entries for departmental publications is that used in the Library of the Division of Public Documents. It is also used as a catalog number for sales stock of this office. The shilling mark (/) separates what would ordinarily be superior or inferior numbers or letters, as it is not practicable to print these numbers or letters as superiors or inferiors in the Monthly Catalog.

New Classification Numbers

- A 1.102: date----- Agriculture Department.
 Orderly liquidation of stocks of agricultural commodities held by Commodity Credit Corporation and expansion of markets for surplus agricultural commodities, annual report by Secretary of Agriculture in response to sec. 201 (b), Public law 540, 84th Congress.
- C 30.59/45: v.nos----- Weather Bureau.
 Storage-gage precipitation data for Western United States.
- C 30.71/8: nos----- Decennial census of United States climate, Climatic Summary of United States, supplement 1951-60, Climatography of United States no. 86-(series).
 International Commerce Bureau.
- C 42.8/3: date----- International commerce, quarterly index.
 Area Redevelopment Administration.
- C 46.24: CT----- Economic redevelopment research.
 Naval Oceanographic Office.
- D 203.24/3: CT----- National Oceanographic Data Center publications (unnumbered).
- D 203.24/4: date----- National Oceanographic Data Center announcements.
- D 301.45/40: nos----- Air Force Department.
 Physical sciences research papers.
- FS 2.22/37-2: date----- National Institutes of Health.
 Statistical report, annual tabulations of Model Reporting Area for Blindness Statistics.
- FS 2.22/38-4: date----- Directory of outpatient psychiatric clinics, psychiatric day-night services, and other mental health resources in United States and territories.
 NOTE.—See, for earlier class, FS 2.22: P 95/5/ date.
- FS 2.22/44: date----- Annual Conference of Model Reporting Area for Mental Hospital Statistics, proceedings, panel presentations, etc.
- FS 5.74: v.nos.& nos----- Education Office.
 HE instruction in agriculture, programs, activities, developments.
- FS 14.8: CT----- Welfare Administration.
 Handbooks, manuals, guides.
- FS 14.9/a: CT----- Aging (separates).
- FS 14.13: CT----- Bibliographies and lists of publications.
- FS 14.120: date----- Children's Bureau.
 Project on cost analysis in children's institutions.
 NOTE.—See, for earlier class, FS 14. 102: In 7.
- FS 14.215: date----- Family Services Bureau.
 Source of funds expended for public assistance payments.
 NOTE.—See, for earlier class, FS 14.202: P 96/2/ date.
- FS 14.216: CT----- Addresses.
- I 20.48: CT----- Indian Affairs Bureau.
 Bibliographies and lists of publications.

GOVERNMENT PUBLICATIONS

- L 1.47: CT----- Labor Department.
Laws.
- LC 1.30/4: v.nos.& nos----- Library of Congress.
Israel, accessions list (monthly).
- NAS 1.30: date----- National Aeronautics and Space Administration.
Semiannual procurement report.
- PrEx 4.6/8: chap. (nos.)----- Emergency Planning Office.
National plan for emergency preparedness.
- S 1.67/2: date----- State Department.
Educational and cultural exchange program,
fiscal year, American grantees, educational
travel, students, teachers, lecturers, research
scholars, specialists.
- S 1.67/3: date----- NOTE.—See, for earlier class, S 1.2: G 76/962.
Interagency directory, key contacts for plan-
ning and development of educational, cul-
tural, scientific and technical exchange pro-
grams.
- S 18.33: v.nos.& nos----- Interagency Development Agency.
Development research digest, journal of se-
lected excerpts, summaries and reprints of
current materials on economic and social de-
velopment; prepared by National Develop-
ment Association.
- NOTE.—v. 1, no. 1 has title Development research
review.

Discontinued Series

- C 3.164: 110/date----- Census Bureau.
Foreign trade report; FT 110, United States im-
ports of merchandise for consumption, com-
modity by country of origin (monthly).
- NOTE.—Discontinued with Jan. 1964 issue. Re-
placed by Foreign trade report FT 125, C 3.164:
125/(date).
- C 3.164: 120/date----- Foreign trade report: FT 120, United States im-
ports of merchandise for consumption, coun-
try of origin by SITC commodity group
(monthly).
- NOTE.—Discontinued with Jan. 1964 issue. Re-
placed by Foreign trade report FT 125, C 3.164:
125/(date).

Corrections for Previous Monthly Catalogs

- Dec. 1958. Entry 17234, History of U.S. Marine Corps operations in World War
2: v. 1, Pearl Harbor to Guadalcanal. Correct class to read D 214.13: W 89/
v. 1.
- Apr. 1963. Entry 6022, Negro airmen in northern community, discrimination in
Rapid City, S. Dak., report of South Dakota Advisory Committee to United
States Commission on Civil Rights. Correct class to read CR 1.2: R 18.
- Mar. 1964. Entry 5531 (incorrectly printed 5529). Correct first line to read:
5531 F-136. Problem of direct conversion of chemical energy into electrical
energy.
- Apr. 1964. Entry 5963, AEC research and development report HN-172 (v. 1, 2),
Study of test reactor operating and safety experience. In 5th line of entry,
change Berkeley, Calif. to read Los Angeles, Calif.
- June 1964. Entry 11656. Correct title to read Titanium dioxide from Japan,
determination of no injury or likelihood thereof.

Classified List of Government Authors

	Beginning entry
Administrative Office of United States Courts.....	13556
Agriculture Department.....	13575
Agricultural Marketing Service.....	13557
Agricultural Research Service.....	13563
Commodity Credit Corporation.....	13832
Economic Research Service.....	14168
Farmer Cooperative Service.....	14220
Federal Extension Service.....	14236
Foreign Agricultural Service.....	14288
Forest Service.....	14295
National Agricultural Library.....	14930
Soil Conservation Service.....	15089
Statistical Reporting Service.....	15128
Arms Control and Disarmament Agency.....	13668
Atomic Energy Commission.....	13689
Civil Aeronautics Board.....	13786
Civil Service Commission.....	13795
Commerce Department.....	13817
Area Redevelopment Administration.....	13656
Business and Defense Services Administration.....	13740
Census Bureau.....	13746
Coast and Geodetic Survey.....	13812
International Commerce Bureau.....	14369
Maritime Administration.....	14723
National Bureau of Standards.....	14932
Technical Services Office.....	15135
Patent Office.....	15018
Public Roads Bureau.....	15072
Weather Bureau.....	15150
Congress.....	13833
Economic Joint Committee.....	13916
House of Representatives.....	13917
Agriculture Committee.....	13986
Armed Services Committee.....	13988
Banking and Currency Committee.....	13996
Education and Labor Committee.....	13998
Foreign Affairs Committee.....	14000
Government Operations Committee.....	14001
House Administration Committee.....	14005
Interior and Insular Affairs Committee.....	14006
Interstate and Foreign Commerce Committee.....	14009
Judiciary Committee.....	14010
Merchant Marine and Fisheries Committee.....	14011
Post Office and Civil Service Committee.....	14013

	Beginning Entry
Congress—Continued	
House of Representatives—Continued	
Public Works Committee.....	14015
Rules Committee.....	14017
Small Business, Select Committee on.....	14018
Veterans' Affairs Committee.....	14019
Ways and Means Committee.....	14020
Senate.....	14021
Aging, Special Committee on.....	14121
Agriculture and Forestry Committee.....	14124
Appropriations Committee.....	14125
Armed Services Committee.....	14126
Banking and Currency Committee.....	14128
Commerce Committee.....	14132
Finance Committee.....	14133
Foreign Relations Committee.....	14136
Government Operations Committee.....	14138
Interior and Insular Affairs Committee.....	14140
Judiciary Committee.....	14147
Labor and Public Welfare Committee.....	14151
Rules and Administration Committee.....	14156
Customs Court.....	14159
Defense Department.....	14160
Air Force Department.....	13600
Armed Forces Information and Education.....	13667
Army Department.....	13669
Army Medical Service.....	13688
Engineers Corps.....	14201
Lake Survey.....	14714
Ordnance Corps.....	15017
Transportation Corps.....	15136
Civil Defense Office.....	13792
Defense Documentation Center.....	14165
National Guard Bureau.....	14943
Navy Department.....	15014
Marine Corps.....	14721
Medicine and Surgery Bureau.....	14727
Naval Operations Office.....	14996
Naval Observatory.....	14989
Naval Oceanographic Office.....	14990
Naval Personnel Bureau.....	14997
Naval Research Office.....	15002
Naval Weapons Bureau.....	15008
Ships Bureau.....	15078
Yards and Docks Bureau.....	15180
Federal Aviation Agency.....	14221
Air Traffic Service.....	13653
Aviation Medical Service.....	13726
Systems Research and Development Service.....	15132
Federal Communications Commission.....	14233
Federal Home Loan Bank Board.....	14238
Federal Power Commission.....	14246
Federal Reserve System Board of Governors.....	14257

	Beginning Entry
Federal Trade Commission.....	14261
Foreign-Trade Zones Board.....	14294
General Services Administration.....	14336
Federal Supply Service.....	14259
National Archives and Records Service.....	14931
Federal Register Office.....	14254
Government Printing Office	
Public Documents Division.....	15036
Health, Education, and Welfare Department.....	14358
Education Office.....	14177
Food and Drug Administration.....	14286
Public Health Service.....	15040
National Institutes of Health.....	14946
Social Security Administration.....	15081
Federal Credit Unions Bureau.....	14234
Welfare Administration.....	15165
Children's Bureau.....	13776
Family Services Bureau.....	14215
Housing and Home Finance Agency	
Federal Housing Administration.....	14240
Urban Renewal Administration.....	15142
Interagency Committee on Water Resources.....	14363
Interior Department.....	14364
Bonneville Power Administration.....	13738
Fish and Wildlife Service.....	14262
Geological Survey.....	14337
Indian Affairs Bureau.....	14361
Mines Bureau.....	14729
National Park Service.....	14963
Reclamation Bureau.....	15075
Interstate Commerce Commission.....	14399
Joint Publications Research Service.....	14408
Justice Department.....	14660
Federal Bureau of Investigation.....	14232
Immigration and Naturalization Service.....	14359
Labor Department.....	14661
Federal Safety Council.....	14258
Labor Standards Bureau.....	14670
Labor Statistics Bureau.....	14685
Manpower Administration	
Employment Security Bureau.....	14200
Veterans' Reemployment Rights Bureau.....	15145
Wage and Hour and Public Contracts Divisions.....	15146
Women's Bureau.....	15172
Library of Congress.....	14715
Copyright Office.....	14157
National Aeronautics and Space Administration.....	14767
National Labor Relations Board.....	14959
National Railroad Adjustment Board.....	14982
National Science Foundation.....	14987
Post Office Department.....	15020
President of United States.....	15029

	Beginning Entry
Railroad Retirement Board.....	15074
Small Business Administration.....	15079
Smithsonian Institution	
National Museum.....	14961
State Department.....	15094
International Development Agency.....	14396
Tariff Commission.....	15133
Treasury Department.....	15139
Coast Guard.....	13814
Internal Revenue Service.....	14366
United States Information Agency.....	15141
Veterans Administration.....	15143

Monthly Catalog

NO. 835 • AUGUST 1964

ADMINISTRATIVE OFFICE OF UNITED STATES COURTS

- 13556 Persons under supervision of Federal probation system, fiscal year 1963; prepared by Division of Procedural Studies and Statistics. May 18, 1964. [1]+x+85 p. il. 4° †
L.C. card 64-62120

Ju 10.2: P 94

AGRICULTURAL MARKETING SERVICE, Agriculture Dept.

AMS (series). † A 88.40: (nos.)

- 13557 15. List of plants operating under USDA poultry and egg inspection and grading programs. Revised July 1964. [1964.] 68 p. 4° (Poultry Division.)
● Item 19-A
L.C. card 60-60475
- 13558 100 (1964.) Plants under USDA continuous inspection, processed fruits and vegetables and related products [as of July 1, 1964.] July 1964. [2]+38 p. 4° (Fruit and Vegetable Division, Processed Products Standardization and Inspection Branch.) ● Item 19-A
L.C. card 59-62320
- 13559 261 (1964.) Bulk cooling tanks on farms supplying Federal milk order markets [Jan. 1964]. June 1964. 16 p. 4° (Milk Marketing Orders Division.)
L.C. card 64-62111
- 13560 537. Quality and respiration rates in stock flowers treated with N⁶ benzylamino-purine [with list of literature cited; by M. Uota and C. M. Harris]. [June 1964.] 8 p. il. 4°
L.C. card Agr 64-350
- 13561 Cotton varieties planted in early producing section of Texas, 1964. [June 16, 1964.] 3 p. 4° †
A 88.11/11: 964
- 13562 United States standards for grades of canned tomatoes, effective July 24, 1964. 7th issue. [1964.] [2]+7+iii p. 4° [Supersedes Standards which have been in effect since Aug. 1, 1946.] †
A 88.6/2: T 591/5

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept.

ARS (series). † A 77.15: (nos.)

- 13563 33-92. Field experiments for control of cabbage insects; by M. W. Stone and R. G. Prochaska. June 1964. 12 p. 4°
L.C. card Agr 64-365
- 13564 33-93. Persistence of telodrin and DDT on sweet corn as determined by gas chromatography; by Malcolm C. Bowman and John R. Young. June 1964. 7 p. il. 4°
L.C. card Agr 64-347
- 13565 33-96. Cost of cotton insect control with insecticides at Tallulah, La.; by G. L. Smith, T. C. Cleveland, and J.C. Clark. June 1964. 7 p. 4°
L.C. card Agr 64-375
- 13566 42-88. Spray distribution patterns from Piper PA-18A airplane flying at 50 feet [by D. A. Isler and J. S. Yull]. May 1964. 17 p. il. 4°
L.C. card Agr 64-331
- 13567 42-95. Cushioning materials for harvesting and handling fruits and vegetables; [by] E. D. Schmidt and J. H. Levin. Apr. 1964. 15 p. il. 4°
L.C. card Agr 64-364
- 13568 44-145. DHIA sire summary list. May 1964. Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, and Red Dane sires. June 1964. cover title, 153 p. 4° ● Item 25-B
L.C. card 62-60282
- 13569 44-146. DHIA cow performance index list, registered progeny of AI sires, Feb. and May 1964. June 1964. cover title, 160 p. [Text on p. 2 of cover.] oblong 12° ● Item 25-B
- 13570 71-32. Composition of commercial grades of corn, oats, and grain sorghums [with list of literature cited; by J. E. Hubbard, F. R. Earle, and J. J. Curtis.] Apr. 1964. [2]+20 p. 4°
L.C. card Agr 64-367

*For Sale by Superintendent of Documents

ΦFor Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 1

GOVERNMENT PUBLICATIONS

ARS (series)—Continued

- 13571 73-43. Flavor contribution of Turkish tobacco in blended cigarettes [with list of literature cited; by R. L. Stedman and C. D. Stills]. May 1964. 8 p. [Report of work done at Eastern Utilization Research and Development Division.] L.C. card Agr 64-369
- 13572 Notices of judgment under Federal insecticide, fungicide, and rodenticide act, nos. 422-450. July 1964. p. 341-365. (Pesticides Regulation Division.) † ● Item 109
L.C. card Agr 12-226 A 77.325: 422-450
- 13573 Plant quarantine import requirements of St. Kitts and Nevis. July 1, 1964. [2] p. (Plant Quarantine Division; St. Kitts and Nevis, 353-A.) [Issued with perforations. Supersedes P.Q. 381, dated Jan. 14, 1938.] †
A 77.329: Sa 2k
- 13574 Standards of performance for meat inspectors, processing and non-processing operations. July 1964. cover title, [57] p. oblong 8° (Meat Inspection Division.) † ● Item 30
A 77.202: M 46/5

AGRICULTURE DEPARTMENT

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

- 13575 [Address by Secretary of Agriculture Orville L. Freeman at international convention of United Packinghouse, Food and Allied Workers, AFL-CIO, Kansas City, Mo., May 27, 1964.] [1964.] 12 p. 4° (USDA 1745-64.) †
A 1.40: F 87/162
- 13576 [Address by Secretary of Agriculture Orville L. Freeman before Amalgamated Lithographers of America, and International Photoengravers Union, Minneapolis, Minn., May 27, 1964.] [1964.] 12 p. 4° (USDA 1746-64.) †
A 1.40: F 87/163
- 13577 Agricultural programs in forestry [address]; by Charles S. Murphy, Under Secretary of Agriculture at Department of Defense Forestry Management Conference, Marine Corps Schools, Quantico, Va., May 18, 1964. [1964.] 13 p. 4° (USDA 1617-64.) †
A 1.40: M 95/20
- Agriculture handbooks. ● Item 3 A 1.76: (nos.)
- 13578 20. Principal laws relating to establishment and administration of national forests and to other Forest Service activities [prepared by Division of Legislative Reporting and Liaison of Forest Service]. Revised July 1964. [1964.] iv+127 p. [Prepared in cooperation with Division of Forestry and Soil Conservation of Office of General Counsel.] * Paper, 40c.
L.C. card Agr 64-354
- 13579 230. Errata, Farmer's handbook of financial calculations and physical measurements, revised Mar. 1964. [1964.] 1 p. oblong 24° †
- 13580 262. Culture of sugarcane for sugar production in Louisiana [with list of literature cited; by L. P. Hebert]. [June 1964.] [2]+40 p. il. 4 p. of pl. ([Crops Research Division], Agricultural Research Service.) [Plates are colored.] * Paper, 45c.
L.C. card Agr 64-338
- 13581 268. Stream-gaging stations for research on small watersheds [with bibliography; by] Kenneth G. Reinhart and Robert S. Pierce. May 1964. ii+37 p. il. 4° (Northeastern Forest Experiment Station, Forest Service.) * Paper, 30c.
L.C. card Agr 64-346
- Agriculture information bulletin. ● Item 4
- 13582 230. Farm costs and returns, commercial farms by type, size, and location; [prepared by Wylie D. Goodsell and others]. Revised June 1964. [1964.] vi+93 p. il. 4° (Economic Research Service.) * Paper, 50c.
L.C. card 57-60999 A 1.75: 230/5
- Farmers' bulletin. ● Item 9
- 13583 2199. Forage and cattle management in longleaf-slash pine forests [with list of references; by L. K. Halls and others]. [July 1964.] [2]+25 p. il. * Paper, 15c.
A 1.9: 2199

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

Leaflets. ● Item 12

A 1.35: (nos.)

- 13584 184. Elm leaf beetle; [prepared by Forest Insect Research, Forest Service]. [Revised Dec. 1960, slightly revised July 1964.] [1964.] 4 p. il. * Paper, 5c.
L.C. card Agr 64-366
- 13585 389. Cantaloup insects in Southwest, how to control them; [prepared by Orin A. Hills and Edgar A. Taylor]. [Revised June 1964.] [1964.] 8 p. il. ([Entomology Research Division, Agricultural Research Service.]) * Paper, 5c.

Marketing research reports. ● Item 13-B

A 1.82: (nos.)

- 13586 643. Reduction of postharvest decay of peaches and nectarines with heat treatments; [with list of literature cited; by W. L. Smith, jr., and others]. [June 1964.] 24 p. il. 4° (Agricultural Marketing Service, Market Quality Research Division.) * Paper, 15c.
L.C. card Agr 64-342
- 13587 656. Fiber and spinning properties of cotton as affected by certain harvesting and ginning practices, Yazoo-Mississippi Delta, 1959-60; [by Franklin E. Newton, E. W. S. Calkins, and Anselm C. Griffin]. [June 1964.] 27 p. 4° (Agricultural Marketing Service, Economic Research Service, Agricultural Research Service.) * Paper, 20c.
L.C. card Agr 64-335
- 13588 663. Household consumers' acceptance of instant sweetpotato flakes; [by Dan H. Hollon]. [July 1964.] iv+23 p. 4° (Statistical Reporting Service.) * Paper, 20c.
L.C. card Agr 64-336
- 13589 666. Some effects of gin drying and cleaning of cotton on fiber length distribution and yarn quality; [by John E. Ross and Edward H. Shanklin]. [July 1964.] iv+12 p. 4° (Economic Research Service, Agricultural Marketing Service.) [Prepared in cooperation with National Cotton Council. Includes list of results of related studies.] * Paper, 10c.
L.C. card Agr 64-337
- 13590 668. Measuring wool by staple length recorder [with list of literature cited; by H. D. Ray and others]. July 1964. 11 p. il. 4° (Agricultural Marketing Service, Livestock Division.) * Paper, 10c.
L.C. card Agr 64-344
- 13591 670. Prepackaging lettuce at shipping point; [by Peter G. Chapogas and Donald R. Stokes]. [July 1964.] cover title, 48 p. il. 4° (Agricultural Marketing Service, Transportation and Facilities Research Division.) * Paper, 35c.
- 13592 671. Selecting best capacity of truck receiving facilities for country grain elevators [with bibliography; by Heber D. Bouland]. [July 1964.] cover title, 57 p. il. 4° (Agricultural Marketing Service, Transportation and Facilities Research Division.) [Page 57, last page of text is on inside of back cover.] * Paper, 40c.
L.C. card Agr 64-343

Miscellaneous publication.

- 13593 964. Summary of reservoir sediment deposition surveys made in United States through 1960; [compiled by James A. Spraberry]. [May 1964.] cover title, [2]+61 p. il. 4° [Prepared by Agricultural Research Service in cooperation with Subcommittee on Sedimentation, Inter-Agency Committee on Water Resources. Supersedes Sedimentation bulletin no. 6, Apr. 1957.] * Paper, 40c. ● Item 13-A
L.C. card Agr 64-341 A 1.38: 964
- 13594 Orderly liquidation of stocks of agricultural commodities held by Commodity Credit Corporation and expansion of markets for surplus agricultural commodities, annual report by Secretary of Agriculture in response to sec. 201(b), Public law 540, 84th Congress. Mar. 1964. cover title, [4]+71 p. 4° †
L.C. card 64-62151 A 1.102: 964

PA [Program aid] (series). ● Item 14-A

A 1.68: (nos.)

- 13595 309. United States National Arboretum, Washington, D.C. [Revised June 1964.] [1964.] [8] p. il. narrow 8° †
- 13596 623. Range allotment analysis and management planning, story of range survey on national forests and national grasslands and planning for management. [July 1964.] 26+[2] p. il. oblong 24° (Forest Service.) [Blank page at end for notes.] * Paper, 15c.
- 13597 Report of technical study group: Addendum of statistical appendix of Cotton in Soviet Union. [June 1964.] [2] p. 4° ([Foreign Agricultural Service.]) †
L.C. card Agr. 59-189 A 1.94: C 82/add.-5

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed in Washington, D.C.,
Unless Otherwise Indicated

Page 3

GOVERNMENT PUBLICATIONS

- Statistical bulletins. ● Item 15 A 1.34: (nos.)
- 13598 233. Changes in Farm production and efficiency, summary report, 1964; [prepared in Farm Production Economics Division, Economic Research Service]. Revised July 1964. [1964.] iv+50 p. il. 4° * Paper, 30c.
- 13599 347. Fresh fruit and vegetable prices, 1963; [prepared by Leo G. Heflin]. June 1964. 63 p. 4° (Agricultural Marketing Service, Fruit and Vegetable Division.) * Paper, 35c.
L.C. card 46-22940

AIR FORCE DEPARTMENT, Defense Dept.

AFCRL (series). (Air Force Cambridge Research Laboratories, Office of Aerospace Research.) D 301.45/4-3: (nos.)

- 13600 64-25. Report on research at AFCRL, survey of programs and progress in fy 1963. Feb. 1964. [4]+260 p. il. 4° Φ (Price upon application).
- 13601 64-158. See, below, Physical sciences research papers 1.
- 13602 64-163. See, below, Air Force surveys in geophysics 156.
- 13603 64-169 (1). See, below, Air Force surveys in geophysics 155 (1).
- 13604 64-190. See, below, Environmental research papers 10.
- 13605 64-315. See, below, Physical sciences research papers 11.
- 13606 64-316. See, below, Physical sciences research papers 12.
- 13607 64-317. See, below, Physical Sciences research papers 10.
- 13608 64-323. See, below, Physical sciences research papers 13.
- 13609 64-346. See, below, Environmental research papers 14.
- 13610 64-350. See, below, Physical science research papers 15.
- 13611 64-364. See, below, Environmental research paper 15.

Air Force Flight Test Center: Technical documentary report FTC-TDR (series). (Air Force Systems Command, Edwards Air Force Base, Calif.) † D 301.45/31-2: (nos.)

- 13612 63-32. Category 2 stability and control tests of HH-43B helicopter [with list of references; by] Frank H. Tanaka, Gene L. Colvin. May 1964. cover title, iii-iv+206 p. il. 4° (AFFTC project directive 60-21.)
- 13613 63-35. C-135B category 2 performance tests [with list of references; by] Marlon H. Yancey, jr., Carl S. Cross. June 1964. cover title, iii-iv+128 p. il. 4° (AFFTC test directive 62-54.)
- 13614 Same: Appendix 4; [by] Marlon H. Yancey, Carl S. Cross. [1964.] cover title, iii+442 p. 4°
- 13615 64-2. Limited C-130E category 2 stability and control tests [with list of references; by] Kenneth L. Martin, William R. Loewe. [1964.] cover title, iii-ix+93 p. il. 4°
- 13616 64-6. C-135B limited category 2 stability and control tests [with list of references; by] Marlon H. Yancey, jr., Carl S. Cross. July 1964. cover title, iii-iv+66 p. il. 4° (AFFTC project directive 62-54.)
- 13617 64-10. Human free-fall trajectories; [by] Ralph H. Puddycomb. June 1964. cover title, iii-iv+30 p. il. 4°
- 13618 64-13. Tunnel diode amplifiers, model EK/A-S, model EK/A-L1, model EK/A-L2 [with list of references; by] Ewen Knight Corporation, Oak and Pine Streets, East Natick, Mass. July 1964. cover title, ii-v+23 p. il. 4° (Air Force contract AF 33(600)-42309.) †
- 13619 64-14. YAT-37D systems evaluation; [by] John J. Sullivan, Joe H. Engle. July 1964. cover title, iii-iv+67 p. il. 4° (Air Force program project structure 912A.)
- 13620 64-18. Evaluation of UH-1D 48-foot rotor equipped with XM-6E2 armament kit; [by] Donald C. Peterson, Phillip E. Neale, jr. July 1964. cover title, iii-iv+19 p. il. 4°
- 13621 64-19. Flight evaluation of UH-1B helicopter equipped with XM-5 armament kit [by] Joseph M. Kudirka, Paul J. Balfe. July 1964. cover title, iii-iv+18 p. il. 4°
- 13622 64-20. Evaluation of UH-1D 48-foot rotor with Kellet 60-gallon external fuel tanks; [by] Edgar D. Smith, Phillip E. Neale, jr. July 1964. cover title, iii-iv+21 p. il. 4°
- 13623 64-21. Evaluation of UH-1B with 60-gallon external fuel tanks; [by] Peter H. Dezzani, Robert L. Baldwin. July 1964. cover title, iii-iv+29 p. il. 4°

Air Force manual AFM (series). ● Item 421

- 13624 95-3. Installation and maintenance of aerial photographic equipment [with reference list of technical publications]. [June 15, 1964.] iit+431 p. + leaves 433-436, il. 4° [Supersedes AFM 95-3, Dec. 28, 1961.] * Paper, \$2.75.
L.C. card 64-02126 D 301.7: 95-3/3

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

Air Force pamphlet AFP (series).

- 13625 190-2-2. Releasable data on USAF aerospace vehicles [with bibliography]. June 1, 1964. iv+109 p. il. 4° (Aerospace Information handbook, v. 3.) [Supersedes AFP 190-2-1, June 1960, as amended. Issued with perforations.] ‡ ● Item 421-A
L.C. card 64-62108 D 301.35:190-2-2

Air force surveys in geophysics. (Air Force Cambridge Research Laboratories, Office of Aerospace Research.) Φ (Price upon application).

D 301.45/9: (nos.)

- 13626 155(1). Celestial background radiation; 1. Revised scale of bolometric corrections [with list of references; by] Russell G. Walker. Mar. 1964. x+85+[6] p. il. 4° (AFCLR 64-169(1); Optical Physics Laboratory project 7670.) Φ (Price upon application).
- 13627 156. Operational prediction of diffusion downwind from line sources [with list of references; by] William P. Elliott, Morton L. Barad. Mar. 1964. v+56 p. 4° (AFCLR-64-163; Meteorology Laboratory project 7655.)

Environmental research papers. (Air Force Cambridge Research Laboratories, Office of Aerospace Research, L. G. Hanscom Field, Mass.)

D 301.45/39: (nos.)

- 13628 10. Search for rainfall calendaricities [with list of references; by] Glenn W. Brler, Ralph Shapiro, Norman J. MacDonald. Mar. 1964. [1]+529-532+[1] p. il. 4° (AFCLR-64-190; Meteorology Laboratory project 860+.) [Reprinted from Journal of atmospheric sciences, v. 20, no. 6, Nov. 1963.] ‡
- 13629 14. Sunrise effects on east-west ionospheric propagation paths [with list of references; by] Thomas D. Conley, David Blood. May 1964. vii+12 p. il. 4° (AFCLR-64-346; Upper Atmosphere Physics Laboratory project 4649.) Φ (Price upon application).
- 13630 15. Project Firefly 1962-63 [articles, with list of references]; N. W. Rosenberg, editor. May 1964. vi+445 p. il. 4° (AFCLR-64-364; Upper Atmosphere Physics Laboratory project 7635.) [Errata, 1 p. issued also.] Φ (Price upon application).

Instrumentation papers (series). (Air Force Cambridge Research Laboratories, Office of Aerospace Research, Hanscom Field, Mass.)

D 301.45/10: (nos.)

- 13631 36. Application of induction heating to rock deformation apparatus [with bibliography; by] R. E. Riecker. Mar. 1964. vii+15 p. il. 4° Φ (Price upon application, AD 601167).
- 13632 37. Monopole phased-array feed for spherical reflectors [with list of references; by] W. G. Mavroides, L. S. Dort. Apr. 1964. v+12 p. il. 4° (AFCLR-64-291; Microwave Physics Laboratory project 4600.) Φ (Price upon application).

Personal Research Laboratory: Technical documentary report PRL-TDR (series). (6570th Personnel Research Laboratory, Aerospace Medical Division, Air Force Systems Command, Lackland Air Force Base, Tex.)

D 301.45/27: (nos.)

- 13633 64-7. Validation of carefulness test battery against training school criteria [with list of references; by] Hobart G. Osburn, and others]. Mar. 1964. vi+35 p. 4° (Project 7719, task 771905.) [Prepared under contract AF41(657)409 with University of Houston.] ‡
- 13634 64-8. Electronic engineer job types in Air Force Systems Command [with list of references]; by Francis D. Harding [and] Robert L. Downey, jr. Mar. 1964. iv+27 p. 4° (Project 6755, task 675501.) Φ (Price upon application).
- 13635 64-9. Use of airman qualifying examination to predict completion of basic training [with list of references]; by Jane McReynolds. Apr. 1964. v+10 p. 4° (Project 7719, task 771905.) Φ (Price upon application).

Physical sciences research papers. (Air Force Cambridge Research Laboratories, Office of Aerospace Research.)

D 301.45/40: (nos.)

- 13636 1. Central-force laws for elliptic orbit [with one reference; by] Kurt Toman. Mar. 1964. [1]+58-60+[1] p. il. 4° (AFCLR-64-158; Upper Atmosphere Physics Laboratory project 7661.) [Reprinted from American mathematical monthly, v. 71, no. 1, Jan. 1964.] ‡
- 13637 3. Ion dissociation in drift tube of time-of-flight mass spectrometer: 5. Analytic solutions of flight-time shift equation [with list of references; by] W. W. Hunt, jr., M. J. Kennedy. Feb. 1964. v+6 p. 4° (AFCLR-64-90; Upper Atmosphere Physics Laboratory project 7635.) Φ (Price upon application.)

*For Sale by Superintendent of Documents

ΦFor Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Physical sciences research papers—Continued

- 13638 8. Nonlinear interaction of electromagnetic wave with time-dependent plasma medium [with list of references; by] Robert J. Papa. Apr. 1964. v+36 +[1] p. il. 4° (AFCLR-64-250; Microwave Physics Laboratory project 4642.) ϕ (Price upon application.)
- 13639 9. Drastic reduction of warm-up rate within Dewar system by helium desorption; [by] Peter D. Ghanino. Jan. 1964. v+7+[1] p. il. 4° (AFCLR-64-17; Solid State Sciences Laboratory project 5621.) ϕ (Price upon application.)
- 13640 10. Antipodal image of electromagnetic source; [by] Kurt Toman. Apr. 1964. [7] p. il. 4° (AFCLR-64-317; Upper Atmosphere Physics Laboratory project 4603.) [Reprinted from Proceedings of IEEE, v. 52, no. 2, Feb. 1964.] \ddagger
- 13641 11. Radiation forces in inhomogeneous media; [by] E. J. Post. Apr. 1964. [1] +A686-A691+[1] p. 4° (AFCLR-64-315; Microwave Physics Laboratory project 5635.) [Reprinted from Physical review, v. 133, no. 3A, Feb. 3, 1964.] \ddagger
- 13642 12. Progressive failure prediction [with list of references; by] Walton B. Bishop. Apr. 1964. [1]+41+49+[1] p. il. 4° (AFCLR-64-316; Solid State Sciences Laboratory project 4608.) [Reprinted from 1963 IEEE international convention record, pt. 6.] \ddagger
- 13643 13. Visual data transmission [with list of references; by] Ronald J. Massa. Apr. 1964. vi+65 p. il. 4° (AFCLR-64-323; Data Sciences Laboratory project 4610.) [Errata, 2 p., issued also.] ϕ (Price upon application.)
- 13644 15. 600-Å band of helium; [by] Y. Tanaka, K. Yoshino. May 1964. [1]+3081-97+[1] p. il. 4° (AFCLR-64-350; Upper Atmosphere Physics Laboratory project 8627.) [Reprinted from Journal of chemical physics, v. 39, no. 11, Dec. 1, 1963.] \ddagger
- 13645 16. Charge transfer studies with time-of-flight mass spectrometer: 2. Kinetic analysis, including attenuation of both neutrals and ions by scattering [with list of references; by] W. W. Hunt, jr. May 1964. v+10 p. il. 4° (AFCLR-64-383; Upper Atmosphere Physics Laboratory project 8605.) ϕ (Price upon application.)

School of Aerospace Medicine: [Aeromedical reviews]. (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) \ddagger

- 13646 1-64. Dysbarism [with list of references; by] Harry F. Adler. Feb. 1964. vi+166 p. il. D 301.26/13-4:1-64

— Technical documentary report SAM-TDR (series). (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) \ddagger

- D 301.26/13-6: (nos.)
- 13647 64-20. In vitro effectiveness of topical applications of low concentration stannous fluoride solutions [with list of references; by] Ira L. Shannon]. May 1964. cover title, iii+7 p. il. 4° (Task 775602.)
- 13648 64-21. Maximum pressure-volume relationships of human respiratory system [with list of references; by] Louis F. Johnson, jr.]. May 1964. cover title, iii+6 p. il. 4° (Task 775801.)
- 13649 64-26. Stannous fluoride topically applied in aqueous solution in caries prevention in military population [with list of references; by] Norman O. Harris and others]. May 1964. cover title, iii+7 p. 4° (Task 775659.)
- 13650 64-28. Determination of solubility of neon in water and extracted human fat [with list of references; by] Kenneth G. Ikels]. May 1964. cover title, iii+5 p. il. 4° (Task 775801.)
- 13651 64-29. Influence of X-irradiation on development of microsomal oxidase and reductase activity in livers of young male rats [with list of references; by] Bernard E. Hlebrink, Kenneth P. Dubois]. June 1964. cover title, iii+6 p. il. 4° (Task 775702.) [Prepared under contract AF 41(609)-1963 by University of Chicago, Chicago, Ill.]

Technical documentary report WADD-TR (series). (Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio.)

- 13652 61-72, v. 7. Research and development on advanced graphite materials: v. 7. High density recrystallized graphite by hot forming; [by] E. A. Neel, A. A. Kellar, J. J. Zeitsch. June 1962. viii+62 p. il. 4° (Directorate of Materials and Processes; project 7350, 7381, and 7-817; task 735002 and 738102.) [Prepared under contract AF 33(616)-6915 by National Carbon Company, Lawrenceburg, Tenn.] ϕ Paper, \$2.00 (AD 278603). D 301.45/5: 61-72/v.7

AIR TRAFFIC SERVICE, Federal Aviation Agency

- 13653 [ATS manual]: Flight assistance service, AT P 7233.1, [Change] 6; [Mar. 26, 1964]. [1964.] [18] p. il. 4° [Effective July 20, 1964. Cancellation date Oct. 1, 1964. Issued in loose-leaf form.] \ddagger • Item 431-D-1 FAA 3.8: F 64/ch.6

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

AUGUST 1964

- 13654 Communications procedures, AT P 7300.1A; July 1, 1964. [Revised edition.] [1964.] [192] p. 4° [Issued in loose-leaf form. Cancels AT P 7300.1 and 12 changes thereto.] * Paper, \$3.00 (including basic manual and supplementary material for approximately 2 years); \$1.00 additional for foreign mailing. ● Item 431-D-2
FAA 3.9/2: 964
- 13655 Flight information manual, v. 14, Oct. 1962, amdt. 12, Mar.-Apr. 1964. [1964.] [66] p. il. 4° (Flight Information Division, National Flight Data Center (AT-650).) [Issued in loose-leaf form.] * Paper, \$3.75 (including basic manual and supplementary service for an indefinite period); \$1.00 additional for foreign mailing. ● Item 431-C-17
FAA 3.13/2: 14/amdt.12

AREA REDEVELOPMENT ADMINISTRATION, Commerce Dept.

ARA case book. ([Office of Planning and Research.]) ● Item 130-H

- 13656 5. Closing of Studebaker plant, South Bend, Ind.; [by Harold L. Sheppard, W. E. Upjohn Institute for Employment Research]. June 1964. 16 p. 4° [Includes introduction and Follow-up action report abstracted from report of Interdepartmental Committee on South Bend Studebaker Shutdown.] * Paper, 15c. C 46.20: 5
- 13657 ARA field report: Opportunities for economic growth in Reynolds and Wayne Counties redevelopment areas, Mo. June 1964. 8 p. 4° † Paper, 10c. C 46.22: R 33
- 13658 — Opportunities for economic improvement in Muskogee, Okla., redevelopment area. June 1964. 8 p. il. 4° † Paper, 10c. C 46.22: M 97
- 13659 — Suggested development opportunities for Russell County, Va. June 1964. 4 p. 4° † Paper, 10c. C 46.22: R 91
- 13660 — Suggestions for more effective development program for Alexander and Pulaski Counties, Ill. June 1964. 8 p. il. 4° † Paper, 10c. C 46.22: A1 2
- 13661 ARA staff study: Characteristics of big city industries; prepared by John A. Flory. June 1964. 4 p. 4° † Paper, 10c. C 46.22/2: In 2
Area redevelopment bookshelf of community aids.
- 13662 Continuing overall economic development programs, guidebook for redevelopment area organizations. Mar. 1964. 36 p. il. oblong 24° [Text on p. 2 and 3 of cover.] * Paper, 20c. ● Item 130-C
L.C. card 64-61984 C 46.8/1: Ec 7/2
- 13663 Economic redevelopment research: Cost of geographic mobility; [prepared by John B. Lansing and Nancy Barth]. Apr. 1964. 20 p. il. * Paper, 25c. ● Item 130-I
L.C. card 64-60054 C 46.24: G 29
- 13664 — Economic & Social research program of ARA. [May 1964.] [8] p. narrow 8° † C 46.24: Ec 7
- 13665 Feasibility of Krupp-Renn process for treating lean iron ores of Mesabi Range, digest. May 1964. [3]+27 p. il. * Paper, 15c. ● Item 130-D
C 46.2: K 94
- 13666 Forestry industry processing and marketing complex for eastern Kentucky; [prepared for ARA under contract Cc-5888 by Macdonald Associates, Inc., Washington, D.C.]. Apr. 1963 [published 1964]. x+144 p. il. 4° * Paper, 75c. ● Item 130-D
L.C. card 64-61950 C 46.2: F 76

ARMED FORCES INFORMATION AND EDUCATION, Defense Dept.

For commanders, this changing world. [Semimonthly.] * Paper, \$1.00 a yr., 50c. additional for foreign mailing; single copy 5c. ● Item 312-B

- 13667 v. 4, no. 1. Laos and Viet-nam, prescription for peace. July 1, 1964. 4 p. 4°
D 2.15: 4/1

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed in Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

ARMS CONTROL AND DISARMAMENT AGENCY

- 13668 Economic and social consequences of disarmament, U.S. reply to inquiry of Secretary-General of United Nations, with revised statistical tables. [June 1964.] iii+47 p. 4° ([Publication 21.]) [Revision of Publication 6, July 1962.] * Paper, 35c. ● Item 125-A-3
L.C. card 64-62146 AC 1.2: Ec 7

ARMY DEPARTMENT, Defense Dept.

- AMC pamphlet. (Army Materiel Command.) ‡ ● Item 322-A
- 13669 385-60. Safety digest, July 1964; [prepared by Safety Division]. [1964.] cover title, [1]+ii+41 p. ll. 4° (AMCP 385-60.) [Bimonthly.]
D 101.22/3: 385-60
- Army regulation AR (series). [Issued with perforations.] ● Item 323
- 13670 608-10. Personal affairs: Motor vehicle liability insurance, effective Aug. 1, 1964. July 15, 1964. 6 p. 4° [Supersedes AR 608-10, June 6, 1961.]
* Paper, 5c. D 101.9:608-10
- Pamphlets. ● Item 327 D 101.22: (nos.)
- 13671 27-101-156. Judge Advocate legal service. June 17, 1964. 13 p. [Issued with perforations.]
- 13672 27-101-157. Same: June 24, 1964. 12 p. [Issued with perforations.] ‡
- 13673 27-101-158. Same: July 1, 1964. 11 p. [Issued with perforations.] ‡
- 13674 27-101-159. Same: July 8, 1964. 14 p. [Issued with perforations.] ‡
- 13675 360-203. Troop topics: Army communications. [June 1964.] [1]+12+[1] p. ll. 4° ‡
- 13676 690-9. Learning to live overseas. [May 1, 1964.] [1]+36 p. ll. ‡
- 13677 690-20. Training and development of executives and managers. May 1964. cover title, v+32 p. ll. 4° ‡
- 13678 690-21. Programed instruction, training methodology [with bibliography]. May 1964. cover title, ii+18+[38] p. 4° ‡
- 13679 715-50-42. Procurement legal service. May 22, 1964. 7 p. [Issued with perforations.] * Paper, 5c.
- Technical manual TM (series). † ● Item 329 D 101.11: (nos.)
- 13680 5-270. Cableways, tramways and suspension bridges [with list of references]. June 1964. cover title, 224 p. ll. [Supersedes TM 5-270, Feb. 20, 1956 and TM 5-279, Jan. 31, 1944.]
L.C. card 64-62150
- 13681 10-252. Loading insert containers and cargo transporters [with list of references]. June 1964. cover title, 26 p. ll. 4° [Issued with perforations.]
Supersedes TM 10-252, Oct. 24, 1961.]
- 13682 10-412-5. Army recipes: Breads (batters), cereals and paste products. May 1964. cover title, xxix+161 p. oblong 24° [Issued with perforations, with printed marginal index tabs on blank cardboards.]
L.C. card 64-62110
- 13683 38-750-1. Maintenance management: Field command procedures [with list of references]. May 1964. cover title, [271] p. ll. 4° [Text on p. 2 of cover. Issued in loose-leaf form. Supersedes TM 38-750-1, Oct. 11, 1962, and AR 750-920, Jan. 24, 1961.]
- 13684 55-200. Railway operating rules [with list of references]. Apr. 1964. cover title, 167 p. ll. 16° [Supersedes TM 55-200, Mar. 1, 1956.]
L.C. card 64-62034
- USAPRO technical research notes. (Army Personnel Research Office.)
Φ (Price upon application.) D 101.60: (nos.)
- 13685 141. Information assimilation from alpha-numeric displays, amount and density of information presented [with list of references; by] Seymour Ringel and Charles Hammer. Apr. 1964. [10]+20+[1] p. ll. 4° (Army project number 2J024701A723; command systems d-13.)
- 13686 142. Peer rating stability in changing groups [with list of references; by] Francis F. Medland and Jerome L. Olans. Apr. 1964. [1]+vii+6+[1] p. 4° (Army project 2J024701A722; NCO leaders a-15.)
- USAPRO technical research report. (Army Personnel Research Office.)
Φ (Price upon application.)
- 13687 1135. Development of optimum computerized allocation system [with list of references; by] Robert F. Boldt. Apr. 1964. [9]+24+[1] p. 4° (Army project 2J024701A723; Future combat subtask c.) D 101.60/2: 1135

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

ARMY MEDICAL SERVICE, Defense Dept.

- 13688 Bibliography of U.S. Army Medical Research and Nutrition Laboratory reports and reprints for 1963. [1964.] 4 leaves, 4° D 104.17: list/963

ATOMIC ENERGY COMMISSION

AEC research and development reports. Y 4.At 7: 22/(letters-nos.)

- 13689 AEC-tr-6316. Annual report of Japanese Association for Radiation Research of Polymers, v. 2, 1960. [Mar. 1964.] cover title, [1]+x+703 p. il. 4° (Translation series). [Translated from Nippon Hoshasen Kobunshi Kenkyu Kyokai Nempo, v. 2, 1960.] Φ Paper, \$7.25.
- 13690 AEC-tr-6372. Annual report of Japanese Association for Radiation Research on Polymers, v. 3, [1961, with lists of references]. [Apr. 1964.] cover title, [1]+vii+656 p. il. 4° (Translation series.) [Translation of publication of Japanese Association for Radiation Research on Polymers, 1961.] Φ Paper, \$7.50.
- 13691 EGCR-4. Radiological health manual for experimental gas-cooled reactor, radiation protection standards and regulations. Mar. 26, 1964. [164] p. il. 4° (Experimental gas-cooled reactor operated by Tennessee Valley Authority at Oak Ridge.) Φ Paper, \$2.75.
- 13692 GA-4659. Integral neutron thermalization, annual summary report, Oct. 1, 1962-Sept. 30, 1963 [with list of references]; by J. R. Beyster [and others]. Jan. 24, 1964. cover title, iv+195 p. il. 4° (General Atomic Division, General Dynamics Corporation, San Diego, Calif.) [Page 195 on inside of back cover.] Φ Paper, \$3.00.
- 13693 GA-4695. Graphite-matrix fuels development for AVR, final report [with list of references]; by J. Chin [and others]. Oct. 1963. cover title, iii+v+65 p. il. 4° (General Atomic Division, General Dynamics Corporation, San Diego, Calif.) Φ Paper, \$1.75.
- 13694 GEAP-3971. VBWR stability test report [with list of references]. June 1963. cover title, xvi+355 p. il. 4° (Atomic Power Equipment Department, General Electric Company, San Jose, Calif.) Φ Paper, \$4.50.
- 13695 GEAP-4555. Design and fabrication of fuel rods with stainless-steel-lined zircaloy-2 [with list of references]; by C. J. Baroch. Feb. 7, 1964. cover title, iii+28 p. il. 4° (Vallecitos Atomic Laboratory, General Electric Company, San Jose, Calif.) Φ Paper, 75c.
- 13696 HASL-143. Determination of cerium-144 in vegetation and soil [with list of literature cited]; by Doris C. Sutton. Feb. 1964. cover title, vi+37 p. il. 4° (Health and Safety Laboratory, New York Operations Office, New York, N.Y.) Φ Paper, \$1.00.
- 13697 MATT-217. Calculation of spectral density of radiation scattered by non-equilibrium plasma which is valid for all wavenumbers [with list of references]; by Ronald L. Fante. Oct. 1963. cover title, v+48 p. il. 4° (Plasma Physics Laboratory, Princeton University, Princeton, N.J.) Φ Paper, \$1.25.
- 13698 MATT-242. Excitation of electrostatic oscillations in magnetic field [with list of references]; by Francis F. Chen. Jan. 1963. cover title, iv+103 p. il. 4° (Plasma Physics Laboratory, Princeton University, Princeton, N.J.) Φ Paper, \$2.25.
- 13699 MATT-243. Solution of kinetic equations for plasma including radiation in presence of external magnetic field [with list of references]; by Ronald Fante. Sept. 1963. [3]+27 p. 4° (Plasma Physics Laboratory, Princeton University, Princeton, N.J.) Φ Paper, 75c.
- 13700 NYO-2740-1. Annual report on research project [with bibliographies]. Jan. 1, 1964. cover title, 194 p. il. 4° (Radiological Research Laboratory, Columbia University, New York, N.Y.) Φ Paper, \$2.75.
- 13701 NYO-2762. Survival experience of radium cases [with list of references]; by Abraham H. Libove, Lester A. Barrer. Mar. 1963. cover title, vii+37 p. il. 4° (Radium Research Project, New Jersey State Department of Health, West Orange, N.J.) Φ Paper, \$1.00.
- 13702 NYO-10405. Scintillating anion exchange resin, final report [with bibliography]; by Alvin H. Helmbuch [and others]. Dec. 1963. cover title, iii-vii+61 p. il. 4° (Division of Laboratory for Electronics, Tracerlab, Inc., Richmond, Calif.) Φ Paper, \$1.75.

*For Sale by Superintendent of Documents
 Φ For Sale by OTS, Commerce Dept.
 \bullet Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- AEC research and development reports—Continued
- 13703 NYO-10721. Radioisotope shielding design manual [with lists of references]; prepared by William H. Stelgelmann. July 1963. cover title, iii+138 p. il. 4° (Laboratories for Research and development, Franklin Institute, Philadelphia, Pa.) Φ Paper, \$2.50.
- 13704 NYO-10726. Non-destructive measurement of U-235 retained in absolute air filters [with list of references]; by Ira Cohen, Alan M. Fishman. Apr. 15, 1964. v+12 p. il. 4° (New York Operations Office, New York, N.Y.) Φ Paper, 50c.
- 13705 ORO-591. Radio-release technique for measurement of moisture in gases, final report; by Harold G. Richter, Arthur S. Gillespie, jr. Jan. 31, 1964. cover title, iii+11 p. il. 4° (Measurement and Controls Laboratory, Research Triangle Institute, Durham, N.C.) Φ Paper, 50c.
- 13706 ORO-615. Radiation pasteurization of shrimp, final summary report, Jan.-Dec. 1963 [with list of literature cited]; by Arthur F. Novak. Jan. 14, 1964. [2]+51 p. il. 4° (Department of Food Science and Technology, Louisiana State University, Baton Rouge, La.) Φ Paper, \$1.25.
- 13707 PRWRA-GNEC-6. Boiling nuclear superheater (BONUS) power station, final summary design report. May 1, 1962. cover title, xvi+[804] p. il. 4° (General Nuclear Engineering Corporation, Dunedin, Fla., and Puerto Rico Water Resources Authority, San Juan, Puerto Rico.) Φ Paper, \$8.25.
- 13708 TID-3722. Bibliographies of atomic energy literature issued or in progress during period, Feb.-Mar. 1964. [1964.] cover title, [1]+18 p. 4° (Division of Technical Information.) \dagger
- 13709 TID-4043. (rev. 1). Index to conferences relating to nuclear science; edited by Willie E. Clark, Alden G. Greene, Margaret L. Pflueger. May 1964. viii+119 p. 4° \dagger Reference Branch, Atomic Energy Commission, Division of Technical Information Extension, P.O. Box 62, Oak Ridge, Tenn. 37831.
- 13710 TID-4100 (1st rev., supp. 21). Supplemental insert sheets for Engineering materials list; [editor, Richard E. C. Duthie, associate editor, Francis L. Sachs, editorial assistant, Billy D. Donald]. May 1964. cover title, [61] p. 4° [Issued in loose-leaf form.] \dagger Atomic Energy Commission, Division of Technical Information Extension, P.O. Box 62, Oak Ridge, Tenn. 37831.
- 13711 TID-4203. Research and development in progress, biology and medicine, issue no. 2. Apr. 1964. cover title, vii+426+290 p. 4° (Division of Technical Information.) Φ Paper, \$3.00.
- 13712 TID-7015 (Indexes). Indexes to Oak Ridge National Laboratory master analytical manual (1953-63); Helen P. Raaen [and] Ann S. Klein, editors. Revision 1. [1964.] cover title, v+140 p. 4° [Text on p. 2 and 3 of cover.] Φ Paper, \$2.50.
- 13713 TID-7015, supp. 6. Oak Ridge National Laboratory master analytical manual [with list of references; prepared by ORNL Analytical Chemistry Division, Oak Ridge, Tenn.]. June 1964. cover title, [4] leaves+[483] p. il. 4° [Issued with perforations.] Φ Paper, \$5.00.
- 13714 TID-7662. Reactor kinetics and control, proceedings of symposium held at University of Arizona, Mar. 25-27, 1963, sponsored by University of Arizona in cooperation with Argonne National Laboratory and Associated Midwest Universities [with lists of references]; Lynn E. Weaver, coordinator. Apr. 1964. vi+588 p. il. ([AEC symposium series 2.]) Φ Paper, \$4.25.
- 13715 TID-7690. Rotating machinery for gas-cooled reactor application, proceedings of meeting at Mountain View Hotel, Gatlinburg, Tenn., Nov. 4-6, 1963, chairman, E. R. Taylor and D. L. Gray, sponsored by Oak Ridge National Laboratory, Oak Ridge, Tenn. [with bibliographies]. May 1964. ix+370 p. il. 4° Φ Paper, \$4.50.
- 13716 TID-18865. Official USAEC values for amount of U-235 isotopes in natural uranium [with list of references]. May 27, 1963. cover title, 4 p. 4° Φ Paper, 50c.
- 13717 TID-19000 (no. 6). Availability of nuclear science conference literature: list no. 6, June 1964. [1964.] cover title, [2]+47 p. 4° (Division of Technical Information Extension.) \dagger Atomic Energy Commission, Oak Ridge, Tenn. 37831.
- 13718 TID-20183. Application of nuclear techniques to manufacture of high-reliability printed circuit boards [with list of references]; by I. J. Wright, J. B. Fishman, C. E. Smedley. Dec. 1963. cover title, v+80 p. il. 4° (Western Division, Tracerlab, Inc., Richmond, Calif.) Φ Paper, \$2.00.

*For Sale by Superintendent of Documents
 \dagger Distribution Made by Issuing Office
 \ddagger Official Use. Not Available

AUGUST 1964

- 13719 USBM-U-1109. Quarterly metallurgical progress report, 22, Jan. 1-Mar. 31, 1964; prepared by Department of Interior, Bureau of Mines, Albany Metallurgy Research Center, Albany, Oreg. [1964.] [1]+iv+24 leaves, 4° Φ Paper, 75c.
- 13720 Conditions and limitations on general license provisions of 10 CFR 150.20, rules and regulations, effective May 1, 1964. [1964.] iv+62 p. il. oblong 32° (Division of Materials Licensing.) [Supplement to AEC form 241, Report of proposed activities in non-agreement States.] †
● Item 1052 Y 3.At 7: 6 L 61/964
- 13721 Health aspects of nuclear weapons testing [with list of references]. [1964.] cover title, vi+56 p. il. * Paper, 25c. ● Item 1051
L.C. card 64-61896 Y 3.At 7: 2 H 34
- 13722 Story of Nevada Test Site. Sept. 1963. cover title, 16 p. il. oblong 12°
‡ (No copies available.) Y 3.At 7: 2 N 41
Understanding the atom series. (Division of Technical Information.)
† USAEC, P.O. Box 62, Oak Ridge, Tenn. 37831
- 13723 Controlled nuclear fusion [with list of suggested references; by Samuel Glass-
tone]. [June 1964.] cover title, [2]+48 p. il. Y 3.At 7: 54 F 98
L.C. card 64-61902
- 13724 Nuclear power and merchant shipping [with list of suggested references; by
Warren H. Donnelly]. [June 1964.] cover title, [2]+36 p. il.
- 13725 Popular books on nuclear science; [compiled by John Sherrod. [Apr. 1964.]
cover title, 18 p. [Text on p. 2 and 3 of cover.]
L.C. card 64-61730 Y 3.At 7: 54 N 88/2

AVIATION MEDICAL SERVICE, Federal Aviation Agency

Civil Aeromedical Research Institute [reports]. † Civil Aeromedical Research Institute, Oklahoma City, Okla. ● Item 431-E-4

FAA 7.10: (nos.)

- 13726 63-9. Studies of air loads on man [with list of references; by] John J. Swearingen, Ernest B. McFadden. May 1963 [published 1964]. [3]+8+[1] p. il. 4°
- 13727 63-25. Method for measurement of physiologic evaporative water loss [with bibliography; by] Thomas Adams, Gordon E. Funkhouser, Warren W. Kendall. Oct. 1963 [published 1964]. [3] leaves+15+[1] p. il. 4° (Aeronautical Center.)
- 13728 63-26. Acute and chronic effects of insecticide endrin on renal function and renal hemodynamics [with bibliography; by] D. A. Reins, D. D. Holmes, L. B. Hinshaw. Oct. 1963 [published 1964]. [3]+9+[1] p. il. 4° (Aeronautical Center.)
- 13729 63-27. Flammability of lip, face and hair preparations in presence of 100% oxygen [with list of references; by] J. Robert Dille, Charles R. Crane [and] George E. Pendergrass. Nov. 1963 [published 1964]. [3]+5+[1] p. 4° (Aeronautical Center.)
- 13730 63-28. Size cues and adjacency principle [with list of references; by] Walter C. Gogel. Nov. 1963 [published 1964]. [3]+8+[1] p. il. 4° (Aeronautical Center.)
- 13731 63-29. Task, control of arousal and effects of repeated unidirectional angular acceleration on human vestibular responses [with list of references; by] William E. Collins. Nov. 1963 [published 1964]. [1]+26+[1] p. il. 4° (Aeronautical Center.)
- 13732 63-30. Biomedical research studies in acceleration, impact, weightlessness, vibration, and emergency escape and restraint systems, comprehensive bibliography; [compiled by] Richard G. Snyder and others]. Dec. 1963. cover title, xii+1-2242a, 2243-3072 p.+ [4] leaves, 4° [Jointly sponsored with Aerospace Medical Research Laboratories, Aerospace Medical Division, Wright-Patterson Air Force Base, Ohio, USAF School of Aerospace Medicine, Aerospace Medical Division, Brooks Air Force Base, Tex. Issued with perforations with marginal index tabs on blank card-board showing titles.]
- 13733 63-31. Problems in air traffic management: 4, Comparison of pre-employment, job-related experience with aptitude tests as predictors of training and job performance of air traffic control specialists [with list of references; by] David K. Trites, Bart B. Cobb. Dec. 1963 [published 1964]. [3]+11+[2] p. 4° (Aeronautical Center.)
- 13734 63-32. Mechanism of autoregulation in intact kidney [with list of references; by] Lerner B. Hinshaw [and others]. Dec. 1963 [published 1964]. [5]+12+[2] p. il. 4° (Renal Physiology Section, Environmental Physiology Branch; Aeronautical Center.)

*For Sale by Superintendent of Documents

Φ For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Civil Aeromedical Research Institute [reports]—Continued

- 13735 63-33. Work tolerance, age and altitude [with list of references; by] D. B. Dill [and others]. Dec. 1963 [published 1964]. [1]+8+[1] p. 4° (Aeronautical Center.)
- 13736 63-34. Effects of some tranquilizing, analeptic and vasodilating drugs on physical work capacity and orthostatic tolerance [with list of references; by] R. V. Gauslen [and others]. Dec. 1963 [published 1964]. [3]+8+[2] p. il. 4° (Aeronautical Center.)
- 13737 63-35. Human factors aspects of lightplane safety [with list of references; by] Richard G. Pearson. Dec. 1963 [published 1964]. [3]+13+[1] p. il. 4° (Psychology Branch; Aeronautical Center.)

BONNEVILLE POWER ADMINISTRATION, Interior Dept.

- 13738 Power Use Conference proceedings, Portland, Oreg., Feb. 19-20, 1964. [1964.] cover title, 108 leaves, il. 4° †
L.C. card 63-60602 I 44.2: P 87/12/964
- 13739 ——— supplement, Feb. 27-28, 1963. [1964.] cover title, [6] leaves+[2] p. 13 pl. 18 tab. 4° [Most plates are colored.] †
L.C. card 63-60602 I 44.2: P 87/12/963/supp.

BUSINESS AND DEFENSE SERVICES ADMINISTRATION, Commerce Dept.

- 13740 Market for semiconductor devices in West Germany and Italy; [by Theodore C. Collins]. [1964.] vii+24 p. (BDSA export potential study.)
* Paper, 15c. • Item 215-S C 41.107: W 52g/2
- 13741 Modernization, key to new markets, address by George Donat, administrator, Business and Defense Services Administration, Department of Commerce, prepared for delivery at New England Conference on Modernization for World Competition, George Sherman Union, Boston University, Boston, Mass., June 10, 1964. [1964.] 8 p. 4° † C 41.15: D 71/2
- 13742 Proceedings of Long Island Conference on Industrial Modernization, Flushing Meadows, N.Y., Apr. 16, 1964, sponsored by Department of Commerce, Business and Defense Services Administration, and Long Island Association. [1964.] [6]+10+[1] p. 4° † C 41.2: In 2/14
- 13743 Proceedings of Portland Area Conference on Industrial Modernization, Portland, Oreg., Mar. 26, 1964, sponsored by Department of Commerce, Business and Defense Services Administration and State of Oregon Department of Commerce, Associated Oregon Industries, Portland Chamber of Commerce, Division of Business Administration, Portland State College. [1964.] [6]+8 p.+[2] leaves, 4° † C 41.2: In 2/13
- 13744 Proceedings of Southwestern Conference on Industrial Modernization, Oklahoma City, Okla., Jan. 17, 1964, sponsored by Department of Commerce, Business and Defense Services Administration and Oklahoma City Chamber of Commerce, Oklahoma State Chamber of Commerce, Oklahoma Department of Commerce and Industry. [1964.] [6]+11+[3] p. 4° † C 41.2: In 2/11
- 13745 Proceedings of Washington State Conference on Industrial modernization, Olympic Hotel, Seattle, Wash., Mar. 31, 1964, sponsored by Department of Commerce, Business and Defense Services Administration and Association of Washington Industries, Seattle Area Industrial Council, Washington State Department of Commerce and Economic Development. [1964.] [6]+9+[2] p. 4° † C 41.2: In 2/12

CENSUS BUREAU, Commerce Dept.

- 13746 Announcement and order form, 1963, censuses of manufactures and mineral industries, reference manuals, alphabetic list of manufactured products, numerical list of manufactured products, list of materials consumption items. [June 19, 1964.] [4] p. narrow 8° ([Form 25-170; USCOMM-DC 25855-P-64.]) † C 3.163/4: M 31

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 13747 Announcement and order form, current construction reports, housing starts, construction activity, building permits, housing sales, alterations and repairs. [May 21, 1964.] [7] p. narrow 8° ([Form 22-95.]) †
C 3.163/4: C 76
- 13748 Changes in Schedule B, Statistical classification of domestic and foreign commodities exported from United States, Jan. 1, 1958 edition, Changes are effective July 1, 1964. [July 1, 1964.] [1]+935-936 p. 4° (Public bulletin 9.) [Issued in loose-leaf form.] * Paper, \$6.00 (including basic bulletin B and changes); \$1.50 additional for foreign mailing.
● Item 148 C 3.150: B/958/ch.9
- 13749 Cotton production in United States, crop of 1963. [1964.] iii+38 p.
([Agriculture Division.]) * Paper, 15c. ● Item 141 C 3.32: 963
- 13750 Current industrial reports: Aluminum foil converted, 1963; prepared by Industry Division, Metals and Metal Products Section. June 23, 1964. 3 p. 4° (Series M34P(63)-1.) † Paper, 25c. C 3.158: M 34 P (63)-1
- 13751 — Apparel, 1963 (preliminary); prepared by Industry Division, Apparel Section. June 24, 1964. 6 p. 4° (Series M23A(63)-1.) † Paper, 25c.
C 3.158: M 23 A (63)-1/prelim.
- 13752 — Consumption on woolen and worsted systems, summary for 1963; prepared by Industry Division, Textiles Section. July 8, 1964. 5 p. 4° (Series M22D(63)-13.) † Paper, 15c. C 3.158: M 22 D (63)-13
- 13753 — Cotton, silk and man-made fiber woven goods finished, 1963; prepared by Industry Division, Textiles Section. July 21, 1964. 9 p. 4° (Series M22S(63)-1.) † Paper, 25c. C 3.158: M 22 S (63)-1
- 13754 — Farm machines and equipment, 1963; prepared by Industry Division. July 10, 1964. [3]+23 p. 4° (Series M35A(63)-5.) † Paper, 25c.
C 3.158: M 35 A (63)-5
- 13755 — Flour milling products, summary for 1963; prepared by Industry Division, Foods Section. July 27, 1964. 4 p. 4° (Series M20A(63)-13.) † Paper, 15c. C 3.158: M 20 A (63)-13
- 13756 — Metalworking machinery, summary for 1963; [prepared by Paul F. Berard and Harry E. Hawkins]. July 6, 1964. [2]+9 p. 4° (Series M35W(63)-5.) [Prepared in cooperation with Business and Defense Services Administration.] † Paper, 25c. C 3.158: M 35 W (63)-5
- 13757 — Poultry and livestock feed production, 1962; prepared by Industry Division. July 1, 1964. [2]+11 p. (Series M20E(62)-1.) † Paper, 25c.
C 3.158: M 20 E (62)-1
- 13758 — Steel power boilers, 1963 and 1962; prepared by Industry Division, and Metal Production Section. July 13, 1964. 3 p. 4° (Series M34G(63)-5.) † Paper, 25c. C 3.158: M 22 T 4 (63)-5
- 13759 — Sulfuric acid, 1963; prepared by Industry Division, Bureau of Census, and Chemical and Rubber Division, Business and Defense Services Administration. June 16, 1964. 6 p. 4° (Series M28A(63)-13, supp. 1.) † Paper, 15c. C 3.158: M 28 A (63)-13/supp.1
- 13760 — Tire cord and tire cord fabrics, summary for 1963; prepared by Industry Division, Textile Section. July 13, 1964. 3 p. 4° Series M22T.4(63)-5.) † Paper, 25c. C 3.158: M 22 T.4 (63)-5
- 13761 — Yarn production, 1963; prepared by Industry Division, Textiles Section. July 2, 1964. 13 p. 4° (Series M22F(63)-13.) † Paper, 15c.
C 3.158: M 22 F (63)-13

*For Sale by Superintendent of Documents

ΦFor Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- Current population reports: Series P-20, Population characteristics. * Paper, \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$1.25 additional for foreign mailing; single copy, each 15c. ● Item 142-C
- 13762 129. School enrollment, Oct. 1963. July 24, 1964. 12 p. il. 4° C 3.186: P-20/129
— Series P-25, Population estimates. * Paper, \$4.00, including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60 and P-65 for one year), \$1.25 additional for foreign mailing; single copy, 15c. ● Item 142-C
C 3.186: P-25/(nos.)
- 13763 286. Projections of population of United States, by age and sex, 1964-85, with extension to 2010; by Jacob S. Siegel, Meyer Zitter, and Donald S. Akers. July 1964. cover title, il+86 p. il. 4° * Paper, 15c.
- 13764 287. Estimates of population of United States, Jan. 1, 1950-June 1, 1964. July 16, 1964. 2 p. 4°
— Series P-28, Special censuses. C 3.186: P-28/(nos.)
- 13765 1366. Special census of Union Town, N.Y., Apr. 1, 1964. July 2, 1964. 8 p. map, 4° † Paper, 10c.
- 13766 1367. Special census of Colonie Town, N.Y., Apr. 1, 1964. July 6, 1964. 5 p. map, 4° † Paper, 10c.
- 13767 Current retail trade reports: 1963 retail sales, annual report, sales, accounts receivable, merchandise inventories; [by Gerda S. Mones and others]. [June 1964.] 23 p. il. 4° * Paper, \$6.00 a yr. (including Weekly retail sales report, Advance monthly retail sales report, Monthly retail trade report, and Annual retail trade report), \$4.00 additional for foreign mailing. Single copy available only from Census Bureau, 20c. ● Item 147-B C 3.138/3-2: 963
- 13768 [Foreign trade report]: FT 125, United States imports of merchandise for consumption. [Monthly, cumulative. Replaced FT 110 and FT 120, beginning with Feb. 1964 issue.] * Paper, \$8.00 a yr., \$2.00 additional for foreign mailing; single copy, \$1.00. ● Item 144 C 3.164: 125/(date) Feb. 1964—
- 13769 Inventory of machine-readable data available, examples of special services performed, tapes, punchcards furnished, tabulations made. [1964.] 6 +57-82 p. [Reprinted from Bureau of Census catalog, Jan.-Mar. 1964.] † C 3.163/3a: In 89
- 13770 Proposed changes in schedule B, Statistical classification of domestic and foreign commodities exported from United States, Jan. 1, 1958 edition. June 1964. [1]+60 p. 4° (Public bulletin B-8.) * Paper, \$6.00 (including basic bulletin B and changes); \$1.50 additional for foreign mailing. ● Item 148 C 3.150: B/958/ch.8
- 13771 Publication program for 1962 census of governments. June 1964 [revision]. [1964.] 4 p. 4° (Form 24-79 (6-8-64).) † C 3.145/3: 962-3
Quarterly tax reports G-TR64 (series).
- 13772 1. Quarterly summary of State and local tax revenue, Jan.-Mar. 1964. June 1964. 7 p. 4° † Paper, 10c. C 3.145/6: 964/1
U.S. census of population, 1960: Subject reports, final report PC(2) (series). [Prepared under supervision of Howard G. Brunzman, chief, Population Division.] ● Item 159 C 3.223/10: 960/v.2/pt. (nos.)
- 13773 pt. 7E. Characteristics of professional workers, statistics on race, hours worked, income, weeks worked, occupation of spouse, etc. xvi+145 p. il. 4° * Paper, \$1.00. L.C. card A 61-9570
- 13774 8C. Veterans, selected social and economic data for former members of Armed Forces. [1964.] xv+99 p. 4° [Errata 1 p. oblong 24° issued also.] * Paper, 70c.
- United States maps GE-50 (series).
- 13775 62. Standard metropolitan statistical areas of United States and Puerto Rico, 1963. areas defined by Bureau of Budget; prepared by Geography Division. Scale 500 m.=6.2 in. 1964. 26 x 39 in. [Albers equal-area projection. Population data from 1960 census of population. Issued in colors.] * Paper, 50c. L.C. card Map 64-54 C 3.62/4: 2

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

CHILDREN'S BUREAU, Health, Education, and Welfare Dept.

- 13776 Closed, short-term group, treatment adjunct for parents of mentally retarded children; [by] Helen L. Beck. 1964. [1]+7 p. 4° [Page 7, last page of text, printed on p. 3 of cover.] † FS 14.102: M 52/6
- 13777 Implications of changing ideas on how children develop intellectually [with list of references; by] J. McVicker Hunt. [1964.] p. 83-91, il. 4° [From Children, May-June 1964.] † FS 14.109/a: C 48/2
- 13778 Interprofessional teamwork to safeguard adoptions; [by] Ursula M. Gallagher. [1964.] p. 101-104, 4° [From Children, May-June 1959.] † FS 14.109/a: Ad 7
- 13779 Observations of peripatetic reporter on care of Cuban children away from home; [by] Kathryn Close. [1964.] p. 3-10 il. 4° [From Children, Jan.-Feb. 1963.] † FS 14.109/a: C 89
- 13780 Parents of children with phenylketonuria; [by] Sylvia Schild. [1964.] p. 92-96, 4° [From Children, May-June 1964.] † FS 14.109/a: P 521
- 13781 Project on cost analysis in children's institutions. Apr. 6, 1964. [2] p. 4° † FS 14.120: 964
- 13782 Racially integrating State's training school; [by] Raymond L. Manella. [1964.] p. 49-54, 4° [From Children, Mar.-Apr. 1964.] † FS 14.109/a: R 115
- 13783 Statistical aspects of antisocial behavior of minor in United States; prepared by I. Richard Perlman, chief, Juvenile Delinquency Studies Branch, Children's Bureau, for United States report to 12th Pan American Child Congress, Buenos Aires, Argentina, Dec. 1963. [1964.] [1]+21 p. il. 4° † FS 14.102: M 66
- Statistical series. †
- 13784 75. Child welfare statistics, 1963. 1964. 4 leaves+39 p. 4° ● Item 454
L.C. card HEW 63-8 FS 14.113: 75
- 13785 Training programs for retarded girls, 2 experimental programs by nurse educators [articles; by Gladys M. Hillsman and Marilyn J. Houglan]. [1964.] cover title, [7] p. 4° [Text on p. 2 of cover. Reproduced with permission from Nursing outlook, v. 11, no. 3, Mar. 1963.] † FS 14.102: R 31

CIVIL AERONAUTICS BOARD

- 13786 Aircraft accident report: Boeing-Vertol 107-II, N 6673D, New York Airways, Inc., New York International Airport, Jamaica, N.Y., Oct. 14, 1963; adopted June 15, 1964. June 24, 1964. cover title, 8+[9] p. il. 4° (SA 375, file 1-0012.) † C 31.213: J 22/6
- 13787 —C 46-F N 67935 AAXICO Airlines, Inc., Mc Carran Field, Las Vegas, Nev., Sept. 25, 1963; adopted May 13, 1964. May 19, 1964. cover title, 7+ii+[4] p. 1 pl. 4° (File no. 1-0011.) † C 31.213: L 339/3
- 13788 — Continental Air Lines, Inc., Vickers Viscount 812, N242V, Municipal Airport, Kansas City, Mo., Jan. 29, 1963; adopted June 11, 1964. June 17, 1964. cover title, 14+ii p.+[4] leaves, il. 4° (SA-370, file no. 1-0002.) † C 31.213: K 13/5
- 13789 — Convair 340, N73130, Frontier Airlines, Inc., Grand Island, Nebr., Dec. 21, 1962 [adopted June 19, 1964]. June 25, 1964. cover title, 5+[1] p. 4° (File no. 1-0037.) [Includes supplemental data.] † C 31.213: G 762/5
- 13790 — Martin 404, N 449A Mohawk Airlines, Inc., Rochester, N.Y., July 2, 1963; adopted May 13, 1964. May 20, 1964. cover title, 12+ii p. 1 pl. 4° (SA-374, file no. 1-0008.) † C 31.213: R 586/3

*For Sale by Superintendent of Documents
 ☐For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 13791 Regulations of Civil Aeronautics Board, May 22, 1964 [new and revised pages]. [1964.] [45] p. 4° [Includes transmittal sheet 4. Issued in looseleaf form.] * Paper, \$4.00 (including basic book and supplementary service for an indefinite period); \$1.00 additional for foreign mailing.
 ● Item 186 C 31.206/7: 963/trans.4

CIVIL DEFENSE OFFICE, Defense Dept.

- 13792 Errata, Medical care in shelters. [1964.] 1 p. oblong 48° † ● Item 857-D-8 D 13.8: M 46/3/964 errata
 FG (series). † ● Item 320-B-3
- 13793 C-8.1. Handbook of instructions for posting fallout shelter signs; [prepared by Directorate for Technical Operations, Survey Division]. June 1964. iv+14 p. il. [Supersedes FG-8.1, dated Mar. 1964, which may not be used.] D 13.8/8: C-8.1/2
- Instructor's guide IG (series). ● Item 857-D-12
- 13794 IG-16.3. Shelter licensing and marking instructor's guide. June 1964. vi+ [38] p. il. 4° [Supersedes IG-16.3 dated Apr. 1964. Issued with perforations.] † D 13.8/7: 16.3/2

CIVIL SERVICE COMMISSION

- 13795 Amendment to announcement 312B, medical officer (GS-11 through GS-15). [July 23, 1964.] [2] p. 4° † CS 1.26: 963/312 B/amdt.-2
- 13796 Announcing examination for auditor for duty with Army Audit Agency, Auditor General, Navy, Auditor General, Air Force; salaries, grade GS-9, \$7,030, grade GS-11, \$8,410, grade GS-12 \$9,980, announcement 275B, Feb. 13, 1962, revised Apr. 1964. [1964.] 8 p. 4° [No closing date.] † Item 292 CS 1.26: 962/275-B/rev.-2
- 13797 Announcing examination for postmaster, AN 3301. May 1964. [4] p. il. † ● Item 292 CS 1.23: 3301/8
- 13798 Chart your future as an astronomer in naval laboratories of the Potomac or other Federal agencies in Washington, D.C., metropolitan area [announcement 330B]. [June 23, 1964.] cover title, [2]+18 p. il. 4° [X-118 modified. No closing date.] † CS 1.26: 964/330B
- 13799 Current Federal examination announcements, AN 2279 supp. A to issue 160, July-Aug. 1964. [1964.] 1 p. oblong 48° † ● Item 292 CS 1.28: 2279/160/supp.A
- 13800 — AN 2279, supp. B to issue 160, July-Aug. 1964. [1964.] 1 p. oblong 48° † ● Item 292 CS 1.28: 2279/160/supp.B
- 13801 — AN 2279, supp. C to issue 160, July-Aug. 1964. [1964.] 1 p. oblong 48° † ● Item 292 CS 1.28: 2279/160/supp.C
- 13802 — AN 2279, supp. D to issue 160, July-Aug. 1964. [1964.] 1 p. oblong 48° † ● Item 292 CS 1.28: 2279/160/supp.D
- 13803 Food and drug officer, \$7,030 to \$15,665 a year (grades GS-9 through GS-15), apply to Executive Secretary, Board of U.S. Civil Service Examiners, Food and Drug Administration, Department of Health, Education, and Welfare, Washington, D.C. 20204, announcement 334B. July 14, 1964. 4 p. 4° [No closing date.] † ● Item 292 CS 1.26: 964/334B
- 13804 Interagency training program, 1964-65. [1964.] xii+231 p. (Office of Career Development.) † ● Item 296-A L.C. card 61-60371 CS 1.65: 964-65
- Pamphlet.
- 13805 58. Opportunities in trades and crafts with Federal Government, experienced craftsmen, journeymen, machine operators, repairmen, apprentices, helpers, laborers. May 1964. [2] p. il. oblong 8°, folded into 32° size. † ● Item 299 CS 1.48: 58/4

*For Sale by Superintendent of Documents
 †Distribution Made by Issuing Office
 ‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

AUGUST 1964

- 13806 Salary supplement to announcement 332-B for engineer. July 1, 1964. 1 p. oblong 48° †
CS 1.26 : 964/332-B/supp.
- 13807 U.S. Civil Service Commission announces examination for apprenticeship and training representative, \$7,030 and \$8,410 a year (grades GS-9 and GS-11), apply to Executive Secretary, Board of Civil Service Examiners, Department of Labor, Washington, D.C., 20210, announcement 179 B. Jan. 27, 1959, revised May 1964. [1964.] 11 p. narrow 8° [No closing date.] † ● Item 292
CS 1.26 : 959/179 B/rev.-3
- 13808 U.S. Civil Service Commission announces examination for economist for following specialized fields: Economist, financial economist, regional economist, industry economist, international economist, labor economist, industrial organization economist, agricultural economist, salaries grades GS-9—GS-15, announcement 303 B. May 7, 1963, revised June 1964. [1964.] 6 p. 4° [No closing date.] † ● Item 292
CS 1.26 : 963/303 B/rev.
- 13809 U.S. Civil Service Commission announces examination for warehouse examiner, optional branches, cotton, grain, processed agricultural commodities, \$4,690 and \$5,795 a year (grades GS-5 and GS-7), for duty with Department of Agriculture, Agricultural Marketing Service and Commodity Stabilization Service, announcement 249 B. Nov. 15, 1960, revised June 1964. [1964.] 6 p. 4° [No closing date.] † ● Item 292
CS 1.26 : 960/249 B/rev.
- 13810 United States Civil Service Commission announces examination for engineer, all branches and specialties at grades GS-5—GS-15, to fill both research and non-research professional engineering positions in all Federal agencies in Washington, D.C. area, announcement 332 B. July 1, 1964. 8 p. 4° [No closing date.] † ● Item 292 CS 1.26 : 964/332 B
- 13811 United States Civil Service Commission announces examination for hearing examiner, positions in various Federal regulatory bodies in Washington, D.C. and throughout United States, announcement 318. [Revised Aug. 1964.] [1964.] 23 p. il. 4° † ● Item 292 CS 1.26 : 964/318/rev.

COAST AND GEODETIC SURVEY, Commerce Dept.

- 13812 Tide tables, high and low water predictions, central and western Pacific Ocean and Indian Ocean, 1965. [1964.] 386 p. il. [Index map of tide table coverage on p. 2 of cover. Includes list of publications relating to tides and tidal currents.] † Paper, \$2.00. ● Item 196
L.C. card 7-35369 C 4.15/6 : 965
- 13813 — Europe and west coast of Africa, including Mediterranean Sea, 1965. [1964.] 210 p. il. large 8° [Index map of tide table coverage on p. 2 of cover. Includes list of publications relating to tides and tidal currents.] † Paper, \$2.00. ● Item 198
L.C. card 50-60825 C 4.15/7 : 965

COAST GUARD, Treasury Dept.

- Oceanographic reports. † ● Item 940-B T 47.55 : (nos.)
- 13814 2. Oceanographic observations, North Atlantic Ocean station Echo, 35° N, 48° W, Jan.-Feb. 1963 [with list of literature cited]; by R. M. Morse and J. W. McGary. Jan. 1964. v+31 p. il. 4° ([Oceanographic Unit]; CG 373-2.)
- 13815 3. Oceanographic observations, North Atlantic Ocean station Delta, 44° N, 41° W, Mar.-Apr. 1963 [with list of literature cited]; by J. W. McGary and R. M. Morse. Feb. 1964. v+30 p. il. ([Oceanographic Unit]; CG 373-3.)
- 13816 Rules and regulations for passenger vessels, Apr. 1, 1964. 1964. viii+174 p. 4° (CG-256.) [Title 46, Code of Federal regulations, pt. 70-80. Replaces edition of Jan. 2, 1962.] † ● Item 943
L.C. card 53-60489 T 47.8 : V 63/9/964

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

COMMERCE DEPARTMENT

NOTE.—Requests to the Commerce Department for publications should include the Comm-DC-number if given in the entry.

- 13817 Address by Secretary of Commerce Luther H. Hodges prepared for delivery at 46th annual Duluth Day Dinner of Duluth Chamber of Commerce, Duluth, Minn., June 9, 1964. [1964.] 8 p. 4° (Comm-DC-46172.) †
C 1.18: H 66/179
- 13818 Address by Secretary of Commerce Luther H. Hodges, prepared for delivery at foundation laying ceremony for Plaza Tower, New Orleans, La., July 11, 1964. [1964.] 4 p. 4° (Comm-DC-20024.) † C 1.18: H 66/181
- 13819 Address by Secretary of Commerce Luther H. Hodges, prepared for delivery to joint meeting of Professional Engineers of North Carolina and officers and directors of National Society of Professional Engineers, Asheville, N.C., July 3, 1964. [1964.] 7 p. 4° (Comm-DC-20005.) †
C 1.18: H 66/180
- 13820 American consumer, king or pawn?, text of address by Richard H. Holton, Assistant Secretary of Commerce of Economic Affairs, for delivery at Intermountain Regional Consumer Conference, Salt Lake City, Utah, June 16, 1964. [1964.] 10 p. 4° † C 1.18: H 744/10
- 13821 Bridge of understanding, remarks by James G. Morton, Special Assistant to Secretary of Commerce, at National Convention of Outdoor Writers Association at McAllen, Tex., June 22, 1964. [1964.] 10 p. 4° †
C 1.18: M 84/6
- 13822 Civilian industrial technology program in textiles. June 1964. [6] p. il. narrow 8° † C 1.2: T 31/3
- 13823 Government speaks to business, text of address by Richard H. Holton, Assistant Secretary of Commerce for Economic Affairs, for delivery at 61st annual Advertising Association of the West convention, Sun Valley, Idaho, July 7, 1964. [1964.] 15 p. 4° † C 1.18: H 744/12
- 13824 Programmes d'assurance et garantie de crédit applicables aux exportations des Etats Unis; [par Ada Wrigley]. [1964.] 11 p. 4° [Tiré de l'édition Mars. 25, 1963 de International commerce. For English edition see Monthly catalog, Aug. 1963, Entry 14071.] † C 42.8/a: Ex 75/6/French
- 13825 Regional impact studies, progress and problems, text of address by Richard H. Holton, Assistant Secretary of Commerce for Economic Affairs, for delivery at 11th annual international meeting of Institute of Management Sciences, Pittsburgh, Pa., Mar. 12, 1964. [1964.] 8 p. 4° †
C 1.18: H 744/11
- 13826 Remarks by Clarence D. Martin, jr., Under Secretary of Commerce for Transportation, at 43d annual conference of Western Association of State Highway Officials, San Diego, Calif., June 15, 1964. [1964.] 7 p. 4° † C 1.18: M 36/31
- 13827 Remarks by Under Secretary of Commerce Franklin D. Roosevelt, jr., before annual awards banquet of Federal Government Accountants Association, New York, N.Y., June 18, 1964. [1964.] 4 p. 4° †
C 1.18: R 67/15
- 13828 Remarks by Under Secretary of Commerce Franklin D. Roosevelt, jr., before 16th annual World Congress of International Advertising Association, New York, N.Y., June 9, 1964. [1964.] 4 p. 4° †
C 1.18: R 67/12
- 13829 Remarks by Under Secretary of Commerce Franklin D. Roosevelt, jr., before luncheon meeting on International Council of Industrial Editors, New York, N.Y., June 9, 1964. [1964.] 5 p. 4° † C 1.18: R 67/13

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

- 13830 Remarks by Under Secretary of Commerce Franklin D. Roosevelt, jr., prepared for delivery before banquet session of Manufacturing Chemists' Association, White Sulphur Springs, W. Va., June 12, 1964. [1964.] 4 p. 4° †
C 1.18: R 67/14
- 13831 Remarks by William W. Eaton, Deputy Assistant Secretary of Commerce for Science and Technology, before 20th annual meeting of Institute of Navigation, New York, N.Y., June 15, 1964. [1964.] 4 p. 4° (COMM-DC-10625.) †
C 1.18: Ea 8/3

COMMODITY CREDIT CORPORATION, Agriculture Dept.

- 13832 Report of president of Commodity Credit Corporation, 1963. [Mar. 1964.] 34 p. † ● Item 34
L.C. card Agr 40-577
A 82.301: 963

CONGRESS

- 13833 Congressional record, proceedings and debates of 88th Congress, 1st session, v. 109, pt. 15, Oct. 16-31, 1963. [Permanent edition.] 1963. [1]+19609-20864 p. 4° * Cloth, \$4.00. ● Item 993
L.C. card 12-36438
X.88/1: 109/pt.15
- 13834 — v. 109, pt. 16, Nov. 1-15, 1963. [Permanent edition.] 1963. [1]+20865-22014 p. 4° * Cloth, \$3.75. ● Item 993
L.C. card 12-36438
X.88/1: 109/pt.16
- 13835 — v. 109, pt. 17, Nov. 18-Dec. 3, 1963. [Permanent edition.] 1963. [1]+22015-23188 p. 4° * Cloth, \$3.75. ● Item 993
L.C. card 12-36438
X.88/1: 109/pt.17
- 13836 — v. 109, pt. 18, Dec. 4-12, 1963. [Permanent edition.] 1963. [1]+23189-24450 p. 4° * Cloth, \$4.00. ● Item 993
L.C. card 12-36438
X.88/1: 109/pt.18
- NOTE.—In the permanent bound edition, the paging differs from that of the daily numbers, the text being revised, rearranged, and printed without break. Extraneous matter appearing in the Appendix is omitted from the permanent form of the Congressional record.
- 13837 Memorial services held in House of Representatives and Senate of United States, together with remarks presented in eulogy of William J. Green, jr., late representative from Pennsylvania, 88th Congress, 1st session, 1964. 113 p. 1 por. † ● Item 1005
L.C. card 64-61999
Y 7.1: G 827
- United States code, 1958 edition, cumulative supp. 5, containing general and permanent laws of United States enacted during 86th and 87th Congresses and 88th Congress, 1st session, Jan. 7, 1959-Jan. 6, 1964; prepared by Committee on Judiciary of House of Representatives.
● Item 991
- 13838 v. 2. Title 20, education to title 39, Postal service, 1964. xxv+[1]+1081+2136 p. il. large 8° * Fabrikoid, \$6.25. Y 4.J 89/1: Un 3/3/958/supp.5/v.2

Congressional serial set

NOTE.—At the end of each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly catalog.

The following bound volumes were sent to depository libraries during the period of this catalog:

House reports:

- 13839 nos. 1194-1695, with exceptions, 86th Congress, 2d session, House miscellaneous reports on private bills I [Serial 12250]. ● Item 1007-B
nos. 1696-2167, with exceptions, 86th Congress, 2d session, House miscellaneous reports on private bills II [Serial 12251]. ● Item 1007-B

*For Sale by Superintendent of Documents

⊕For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Laws

NOTE.—The Federal laws are first published separately and in this form are known as "slip laws". Later, these laws are compiled, edited, indexed, and published in the volumes of the Statutes at large.

Private laws, 88th Congress. † House or Senate Document Rooms, Capitol.

- 13840 229. S. 538, act for relief of Henry Bang Williams. Approved June 6, 1964. 1 p.
 13841 230. H.R. 1382, act for relief of John Gatzopf Overbeck and Mary Gatzopoulos Overbeck. June 9, 1964. 1 p.
 13842 231. H.R. 6876, act for relief of Capt. Wilfrid E. Gellinas, United States Air Force. Approved June 11, 1964. 1 p.
 13843 232. H.R. 7757, act for relief of Jesse I. Ellington. Approved June 11, 1964. 1 p.
 13844 233. H.R. 8222, act for relief of Edward J. Maurus. Approved June 11, 1964. 1 p.
 13845 234. H.R. 8348, act for relief of Mrs. Faye E. Russell Lopez. Approved June 11, 1964. 1 p.
 13846 235. H.R. 8532, act for relief of Ivan D. Beran. Approved June 11, 1964. 1 p.
 13847 236. H.R. 8828, act for relief of John T. Cox. Approved June 11, 1964. 1 p.
 13848 237. H.R. 8936, act for relief of Leonard M. Dalton. Approved June 11, 1964. 1 p.
 13849 238. H.R. 9475, act for relief of Grace Smith, and others. Approved June 11, 1964. 1 p.
 13850 239. H.R. 10078, act for relief of Phillip N. Shepherdson. Approved June 11, 1964. 1 p.
 13851 240. H.R. 1727, act for relief of Richard G. Green, jr. Approved June 12, 1964. 1 p.
 13852 241. H.R. 5305, act for relief of Ernest P. Imle. Approved June 12, 1964. 1 p.
 13853 242. H.R. 5571, act for relief of Noble Frank Smith and his wife, Viola Smith. Approved June 12, 1964. 1 p.
 13854 243. H.R. 1887, act for relief of Chang In Wu. Approved June 24, 1964. 1 p.
 13855 244. H.R. 8964, act for relief of Diedre Regina Shore. Approved June 24, 1964. 1 p.
 13856 245. S. 718, act for relief of W. H. Pickle. Approved June 25, 1964. 1 p.
 13857 246. H.R. 2818, act for relief of Elmer J. and Richard R. Payne. Approved June 29, 1964. 1 p.
 13858 247. H.R. 9220, act for relief of Elisabete Maria Fonseca. Approved June 29, 1964. 1 p.
 13859 248. H.R. 6308, act for relief of Gerard Pullet. Approved June 30, 1964. 1 p.
 13860 249. H.R. 6843, act for relief of David Sheppard. Approved June 30, 1964. 1 p.
 13861 250. H.R. 9090, act for relief of Mrs. Audrey Rossmann. Approved June 30, 1964. 1 p.
 13862 251. H.R. 2726, act for relief of John F. Wood of Newport News, Va. Approved July 3, 1964. 1 p.
 13863 252. H.R. 5514, act to direct Secretary of Interior to sell certain public lands in Arizona. Approved July 7, 1964. 1 p.
 13864 253. H.R. 5408, act for relief of Jackie Bergancia Smith. Approved July 11, 1964. 1 p.
 13865 254. H.R. 5501, act for relief of Wieslawa Marianna Borczon. Approved July 11, 1964. 1 p.

Public laws, 88th Congress. ● Item 575

NOTE.—Public laws in slip form in the first prints may be obtained from the Superintendent of Documents, Washington, D.C., 20402, at a subscription price of \$12.00 per session, \$2.00 addition for foreign mailing; single copies vary in price.

- 13866 316. S. 741, act to amend title 18, United States Code, to prohibit schemes in interstate or foreign commerce to influence by bribery sporting contests, and for other purposes. Approved June 6, 1964. 1 p. * Paper, 5c.
 13867 317. H.R. 11201, act making deficiency appropriations for fiscal year 1964, and for other purposes. [Approved June 9, 1964.] 10 p. * Paper, 10c.
 13868 318. H.J. Res. 889, joint resolution commemorating golden anniversary of Naval Air Station, Pensacola, Fla., and authorizing design and manufacture of galvano in commemoration of this significant event. Approved June 12, 1964. 1 p. * Paper, 5c.
 13869 319. H.R. 10774, act to authorize disposal, without regard to prescribed 6-month waiting period, of cadmium from national stockpile and supplemental stockpile. Approved June 12, 1964. 1 p. * Paper, 5c.
 13870 320. H.R. 7332, act granting consent of Congress to further supplemental compact or agreement between State of New Jersey and Commonwealth Pennsylvania concerning Delaware River Port Authority, formerly Delaware River Joint Commission, and for other purposes. [Approved June 13, 1964.] 7 p. * Paper, 5c.
 13871 321. S.J. Res. 103, joint resolution to increase amount authorized to be appropriated for work of President's Committee on Employment of Physically Handicapped. Approved June 24, 1964. 1 p. * Paper, 5c.
 13872 322. H.R. 9934, act to authorize construction of dam on St. Louis River, Minn. Approved June 25, 1964. 1 p. * Paper, 5c.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

AUGUST 1964

- 13873 323. H.R. 10465, act to extend for temporary period existing provisions of law relating to free importation of personal and household effects brought into United States under Government orders. Approved June 25, 1964. 1 p. * Paper, 5c.
- 13874 324. H.R. 10463, act to continue until close of June 30, 1965, existing suspension of duties for metal scrap. Approved June 29, 1964. 1 p. * Paper, 5c.
- 13875 325. H.J. Res. 1056, joint resolution making continuing appropriations for fiscal year 1965, and for other purposes. [Approved June 29, 1964.] 2 p. * Paper, 5c.
- 13876 326. H.R. 9720, act authorizing study of dust control measures at Long Island, Port Isabel, Tex. Approved June 29, 1964. 1 p. * Paper, 5c.
- 13877 327. H.R. 11375, act to provide for period ending June 30, 1965, temporary increase in public debt limit set forth in sec. 21 of Second Liberty Bond act. Approved June 29, 1964. 1 p. * Paper, 5c.
- 13878 328. S. 1828, act to amend joint resolution establishing Battle of Lake Erie Sesquicentennial Celebration Commission so as to authorize appropriation to carry out provisions thereof. Approved June 29, 1964. 1 p. * Paper, 5c.
- 13879 329. H.R. 10537, act to continue for temporary period existing suspension of duty on certain natural graphite. Approved June 29, 1964. 1 p. * Paper, 5c.
- 13880 330. H.R. 9964, act to extend for 2-years period for which payments in lieu of taxes may be made with respect to certain real property transferred by Reconstruction Finance Corporation and its subsidiaries to other Government departments. Approved June 29, 1964. 1 p. * Paper, 5c.
- 13881 331. H.R. 2652, act to amend Tariff act of 1930 to provide for duty-free importation of certain wools for use in manufacturing of polishing felts. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13882 332. H.R. 10945, act to authorize appropriations to Atomic Energy Commission in accordance with sec. 281 of Atomic energy act of 1954, as amended, and for other purposes. [Approved June 30, 1964.] 4 p. * Paper, 5c.
- 13883 333. H.R. 8975, act to provide for tariff classification of certain particleboard. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13884 334. H.R. 1608, act to amend Tariff act of 1930 to provide that certain aircraft engines and propellers may be exported as working parts of aircraft, and for other purposes. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13885 336. H.R. 10468, act to continue until close of June 30, 1966, existing suspension of duty on certain copying shoe lathes. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13886 337. H.R. 4198, act to amend Tariff act of 1930 to provide for free importation of soluble and instant coffee. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13887 338. H.R. 7480, act to suspend for temporary period import duty on manganese ore (including ferruginous ore) and related products. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13888 339. H.R. 10669, act to extend Renegotiation act of 1951, and for other purposes. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13889 340. H. J. Res. 1041, joint resolution temporarily extending program of insured rental housing loans for elderly in rural areas under title 5 of Housing act of 1949. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13890 341. H.R. 8230, act to amend sec. 24 of Federal reserve act (12 U.S.C. 371) to liberalize conditions for loans by national banks on forest tracts. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13891 342. H.R. 8268, act to prevent double taxation in case of certain tobacco products exported and returned unchanged to United States for delivery to manufacturer's bonded factory. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13892 343. H.R. 10000, act to extend Defense production act of 1950, and for other purposes. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13893 344. H.R. 11499, act to amend sec. 14(b) of Federal reserve act, as amended, to extend for 2 years authority of Federal reserve banks to purchase United States obligations directly from Treasury. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13894 345. H.R. 9688, act to extend period during which responsibility for placement and foster care of dependent children, under program of aid to families with dependent children under title 4 of Social security act, may be exercised by public agency other than agency administering such aid under State plan. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13895 346. H.R. 8673, act to amend title 5 of Federal aviation act of 1958 to provide that validity of instrument the recording of which is provided for by such act shall be governed by laws of place in which such instrument is delivered, and for other purposes. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13896 347. H.R. 10466, act to amend title 11 of Social security act to extend period during which temporary assistance may be provided for United States citizens returned from foreign countries. Approved June 30, 1964. 1 p. * Paper, 5c.
- 13897 349. H.R. 6041, act to amend prevailing wage section of Davis-Bacon act, as amended, and related sections of Federal airport act, as amended, and National housing act, as amended. [Approved July 2, 1964.] 2 p. * Paper, 5c.

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Public laws, 88th Congress—Continued

- 13898 350. H.R. 3348, act to amend sec. 316 of Social security amendments of 1958 to extend time within which teachers and other employees covered by same retirement system in Maine may be treated as being covered by separate retirement systems for purposes of old-age, survivors, and disability insurance program. Approved July 2, 1964. 1 p. * Paper, 5c.
- 13899 351. H.R. 3496, act to further amend Reorganization act of 1949, as amended, so that such act will apply to reorganization plans transmitted to Congress at any time before June 1, 1965. Approved July 2, 1964. 1 p. * Paper, 5c.
- 13900 352. H.R. 7152, act to enforce constitutional right to vote, to confer jurisdiction upon district courts of United States to provide injunctive relief against discrimination in public accommodations, to authorize Attorney General to institute suits to protect constitutional rights in public facilities and public education, to extend Commission on Civil Rights, to prevent discrimination in federally assisted programs, to establish Commission on Equal Employment Opportunity, and for other purposes. [Approved July 2, 1964.] 29 p. * Paper, 15c.
- 13901 353. H.R. 8459, act to amend Federal credit union act to allow Federal credit unions greater flexibility in their organization and operations. Approved July 2, 1964. 1 p. * Paper, 5c.
- 13902 354. S.J. Res. 71, joint resolution to establish National Commission on Food Marketing to study food industry from producer to consumer. [Approved July 3, 1964.] 3 p. * Paper, 5c.
- 13903 355. H.R. 6920, act to amend sec. 715 of title 38, United States Code, to authorize, under certain conditions issuance of total disability income provisions for inclusion in National Service Life Insurance policies to provide coverage to age 65. Approved July 7, 1964. 1 p. * Paper, 5c.
- 13904 356. H.R. 10433, act making appropriations for Department of Interior and related agencies for fiscal year 1965, and for other purposes. [Approved July 7, 1964.] 19 p. * Paper, 15c.
- 13905 357. H.R. 9094, act to authorize the President to declare July 9, 1964, as Monocacy Battle Centennial in commemoration of 100th anniversary of Battle of Monocacy. Approved July 7, 1964. 1 p. * Paper, 5c.
- 13906 358. H.R. 8462, act to authorize conveyance of certain real property of United States heretofore granted to Grand Prairie, Tex., for public airport purposes, contingent upon approval by Administrator of Federal Aviation Agency, and to provide for conveyance to United States of certain real property now used by such city for public airport purposes. [Approved July 7, 1964.] 5 p. * Paper, 5c.
- 13907 359. H.R. 3941, act to amend sec. 902 of title 38, United States Code, to eliminate offset against burial allowances paid by Veterans' Administration for amounts paid by burial associations. Approved July 7, 1964. 1 p. * Paper, 5c.
- 13908 360. H.R. 2664, act to amend sec. 6(e) of Universal military training and service act to provide exemption from induction for sole surviving son of family whose father died as result of military service. Approved July 7, 1964. 1 p. * Paper, 5c.
- 13909 361. H.R. 221, act to amend chap. 35 of title 38, United States Code, to provide educational assistance to children of veterans who are permanently and totally disabled from injury or disease arising out of active military, naval, or air service during period of war or induction period. [Approved July 7, 1964.] 2 p. * Paper, 5c.
- 13910 362. H.R. 9311, act to continue for 2 years existing suspensions of duty on certain alumina and bauxite. Approved July 7, 1964. 1 p. * Paper, 5c.
- 13911 363. H.R. 9740, act to establish Roosevelt Campobello International Park, and for other purposes. [Approved July 7, 1964.] 4 p. * Paper, 5c.
- 13912 364. H.R. 6777, act to amend sec. 712 of title 38 United States Code to provide for waiver of premiums for certain veterans holding national service life insurance policies who become or have become totally disabled before their 65th birthday. Approved July 7, 1964. 1 p. * Paper, 5c.
- 13913 365. S. 5, act to authorize Housing and Home Finance Administrator to provide additional assistance for development of comprehensive and coordinated mass transportation systems, both public and private, in metropolitan and other urban areas, and for other purposes. [Approved July 9, 1964.] 6 p. * Paper, 5c.
- 13914 366. H.J. Res. 475, joint resolution to authorize the President to proclaim Dec. 7, 1946, as Pearl Harbor Day in commemoration of 25th anniversary of attack on Pearl Harbor. Approved July 9, 1964. 1 p. * Paper, 5c.
- 13915 367. H.R. 5478, act authorizing survey of Frio River in vicinity of Three Rivers, Tex., in interest of flood control and allied purposes. Approved July 9, 1964. 1 p. * Paper, 5c.

ECONOMIC JOINT COMMITTEE

- 13916 Impact of military and related civilian supply and service activities on economy, hearings before Subcommittee on Defense Procurement, 88th Congress, 2d session, Apr. 16 and 21, 1964. 1964. xiii+384 p. il. * Paper, \$1.25. ● Item 1000
L.C. card 64-61924

Y 4.Ec 7: M 59/964

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

AUGUST 1964

HOUSE OF REPRESENTATIVES

- 13917 Major legislative actions, 88th Congress, up to July 2, 1964; prepared by Office of Coordinator of Information. [1964.] 40 p. 4° [Pages 23-24 are blank, but with no omission of text.] † Y 1.2: L 52/964-3

House bills

NOTE.—The following list includes all public bills and resolutions introduced during the period of this catalog with the exception of those which were identical with bills and resolutions previously introduced. Amendments are not listed.

For information concerning bills, see (1) House calendar, (2) Congressional record index, or (3) Digest of public general bills prepared by the Legislative Reference Service, Library of Congress.

Depository libraries should consult the depository shipping lists for a complete list of bills and resolutions sent to them by the Superintendent of Documents.

- 13918 H.R. 11518, 11568, 11611, 11615-16, 11620, 11624-25, 11627, 11638-51, 11659-66, 11668-72, 11676, 11679-80, 11682-87, 11695-11700, 11707, 11711-20, 11722, 11724-25, 11727-28, 11741-45, 11747-61, 11772, 11779, 11812, 11818-22, 11824-25, 11832-55, 11865, 11867, 11869, 11871-81, 11893-11905, 11907-28, 11946-50, 11960-84, 12009-10, 12015, 12017, H. Con. Res. 314-331, H. Joint Res. 1044-1059, 1062, 1067-1068, 1070, 1072, 1074-1076, 1078-1119, H. Res. 787-802. 88th Congress. ● Item 1006.

House documents

NOTE.—All House documents, entries for which are followed by a †, may be obtained from the House Document Room or from the issuing office.

House documents, 87th Congress.

- 13919 488. Official opinions of Attorneys General. v. 41, Jan. 1, 1949-Dec. 31, 1960; edited by Vida Ord Alexander. 1963 [published 1964]. xxx+622 p. [Includes opinions dated Oct. 3, 1928, Apr. 24, 1936, Sept. 20, 1940, June 7, 1947, Jan. 20, 1948, Aug. 24, 1948, Oct. 4, 1948, and Oct. 11, 1948.] * (Available in departmental edition, cloth, \$2.75. J 1.5: 41, and sent to depositories in that form. See Entry no. 14660.)

House documents, 88th Congress.

- 13920 [190.] Inaugural address of John Fitzgerald Kennedy, President of United States. Washington, D.C., Jan. 20, 1961 [poster suitable for framing]. [1964.] 20.5 x 15 in. [Document notation does not appear on poster.] * Paper, 25c. (To be sent to depository libraries in Serial set binding.)
- 13921 232. Chelan division, Chief Joseph Dam project, Wash., letter from Assistant Secretary of Interior transmitting report; Feb. 18, 1964. 1964. xliv +110 p. il. 2 pl. 8 maps, 5 tabs. † ● Item 996
- 13922 287. Girl Scouts of America, 1963 annual report. [1964.] 119 p. il. * Paper, 50c. (To be sent to depositories in serial set binding.) L.C. card 51-61149
- 13923 294. Food for peace, 19th semiannual report on Public law 480 [83d Congress, as amended, for period July 1-Dec. 31, 1963.] [1964.] cover title, 139 p. il. 4° † ● Item 996 L.C. card 57-61702
- 13924 311. Saline River and tributaries, Ill., letter from chief of engineers, Army submitting report in response to item in Flood control act; June 17, 1964. 1964. vi+3 p. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 14209.]
- 13925 312. Judicial Conference of United States, letter from Chief Justice, Supreme Court of United States, transmitting report of proceedings of special meeting, June 24, 1964. 1964. vi+47 p. † ● Item 996 L.C. card 41-18702
- 13926 314. NASA 9th semiannual report to Congress, Jan. 1-June 30, 1963. [1964.] xvi+216 p. il. * (Available in departmental edition, \$1.00, NAS 1.1: 963, and sent to depositories in that form. See Entry no. 14928.)

House reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

House reports on private bills, 88th Congress. † House Document Room, Capitol. ● Item 1008-B

- 13927 1498. Permitting vessel SC-1473 to engage in fisheries. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 6007. June 23, 1964. 4 p.

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

House reports on public bills, 88th Congress. † House Document Room,
Capitol. (Nos. 1480 and 1548 are sold by Superintendent of Documents.)

● Item 1008-A

- 13928 1480, 2v. State taxation of interstate commerce. Report of Special Subcommittee on State Taxation of Interstate Commerce of Committee on Judiciary, pursuant to Public law 86-272, as amended. (To be sent to depository libraries in Serial set binding). L.C. card 64-62027 v. 1, pt. 1, General introduction; pt. 2, Income taxes. 1964. xxi+599 p. ll. * Paper, \$1.75.
- 13929 1486. Consideration of H.R. 11579. Report from Committee on Rules to accompany H. Res. 755. June 15, 1964. 1 p.
- 13930 1497. Extension of time to file 1964 tobacco allotment leases. Report from Committee on Agriculture to accompany H.J. Res. 1026. June 22, 1964. 4 p.
- 13931 1499. Disposition of sundry papers. Report from Joint Committee on Disposition of Executive Papers. June 23, 1964. 2 p.
- 13932 1500. Authorizing disposal of pig tin from national stockpile. Report from Committee on Armed Services to accompany H. Con. Res. 300. June 23, 1964. 5 p.
- 13933 1501. Bill authorizing Secretary of Navy to sell crude oil from naval petroleum reserve no. 4, Alaska, for limited time. Report from Committee on Armed Services to accompany H.R. 6299. June 23, 1964. 6 p.
- 13934 1502. Relief of certain commissioned officers of Army and Air Force who were erroneously paid uniform allowance under provisions of Career compensation act of 1949, as amended. Report from Committee on Armed Services to accompany H.R. 10328. June 23, 1964. 9 p.
- 13935 1503. Authorizing disposal of molybdenum from national stockpile. Report from Committee on Armed Services to accompany H.R. 11235. June 23, 1964. 8 p.
- 13936 1504. Authorizing disposal of lead from national stockpile. Report from Committee on Armed Services to accompany H.R. 11257. June 23, 1964. 9 p.
- 13937 1505. Authorizing payment of expenses incident to evacuation of dependents of military personnel from Panama and Cyprus. Report from Committee on Armed Services to accompany H.R. 11626. June 23, 1964. 4 p.
- 13938 1506. Protection of postal patrons from morally offensive mail matter. Report from Committee on Post Office and Civil Service to accompany H.R. 319. June 23, 1964. 15 p. L.C. card 64-61946
- 13939 1507. Equalize treatment of Reserves and Regulars in payment of per diem. Report from Committee on Armed Services to accompany H.R. 2500. June 23, 1964. 7 p.
- 13940 1508. Authorizing promotion of qualified Reserve officers of Army and Air Force to existing unit vacancies. Report from Committee on Armed Services to accompany H.R. 2501. June 23, 1964. 10 p.
- 13941 1509. Authorizing cancellation of indebtedness of enlisted members of Armed Forces and National Guard. Report from Committee on Armed Services to accompany H.R. 2502. June 23, 1964. 11 p.
- 13942 1510. Authorizing Reserve officers to combine service in more than one Reserve component in computing 4 years of satisfactory Federal service necessary to qualify for uniform maintenance allowance. Report from Committee on Armed Services to accompany H.R. 2509. June 23, 1964. 6 p.
- 13943 1511. Authorizing military departments to ship automobiles of Armed Forces personnel to and from Alaska. Report from Committee on Armed Services to accompany H.R. 8676. June 23, 1964. 5 p.
- 13944 1512. Conveyance of land in Salt Lake City, Utah. Report from Committee on Armed Services to accompany H.R. 9021. June 23, 1964. 5 p.
- 13945 1513. Authorizing Secretary of Defense to assist Girl Scouts at their 1965 encampment. Report from Committee on Armed Services to accompany H.R. 9634. June 23, 1964. 5 p.
- 13946 1514. Deductibility of accrued vacation pay. Report from Committee on Ways and Means to accompany H.R. 10467. June 23, 1964. 3 p.
- 13947 1515. Authorizing disposal of zinc from national stockpile. Report from Committee on Armed Services to accompany H.R. 11004. June 23, 1964. 9 p.
- 13948 1516. Amendment of sec. 611(b) of Internal revenue code of 1954 relating to apportionment of depletion allowance between parties to certain contracts. Report from Committee on Ways and Means to accompany H.R. 7307. June 24, 1964. 5 p.
- 13949 1517. Increase FHA loan fund limitation. Report from Committee on Agriculture to accompany H.R. 7073. June 25, 1964. 10 p.
- 13950 1518. Foreign assistance and related agencies appropriation bill, 1965. Report from Committee on Appropriations to accompany H.R. 11812. June 25, 1964. 31 p. [Includes minority views.]
- 13951 1519. Department of Interior and related agencies appropriation bill, 1965. Conference report to accompany H.R. 10433. June 26, 1964. 11 p.
- 13952 1520. Waiving points of order on H.R. 11812. Report from Committee on Rules to accompany H. Res. 793. June 29, 1964. 1 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 13953 1521. Amending Alaska omnibus act to provide assistance to Alaska for reconstruction of areas damaged by earthquake of Mar. 1964 and subsequent seismic waves. Report from Committee on Interior and Insular Affairs to accompany H.R. 11438. June 29, 1964. 25 p.
L.C. card 64-62053
- 13954 1522. Amending act of June 16, 1948, to authorize construction of additional bridge across Chesapeake Bay in Maryland. Report from Committee on Public Works to accompany H.R. 10619. June 29, 1964. 6 p.
L.C. card 64-62057
- 13955 1523. Excise-tax rate extension act of 1964. Conference report to accompany H.R. 11376. June 29, 1964. 5 p.
- 13956 1524. Fishing vessel construction. Report from Committee on Merchant Marine and Fisheries to accompany S. 1006. June 30, 1964. 25 p. [Includes minority views.]
L.C. card 64-62052
- 13957 1525. Amendments to Atomic energy act of 1954, as amended, Atomic energy community act of 1955, as amended, and Euratom cooperation act of 1953, as amended. Report from Joint Committee on Atomic Energy to accompany H.R. 11832. June 30, 1964. 13 p.
- 13958 1526. Water resources research center. Conference report to accompany S. 2. June 30, 1964. 8 p.
L.C. card 64-62048
- 13959 1527. Providing for concurrence of House of Representatives to Senate amendment to H.R. 7152. Report from Committee on Rules to accompany H. Res. 789. June 30, 1964. 1 p.
- 13960 1528. Granting additional travel authority to Committee on Agriculture. Report from Committee on Rules to accompany H. Res. 792. June 30, 1964. 1 p.
- 13961 1529. NASA authorization for fiscal year 1965. Conference report to accompany H.R. 10456. July 1, 1964. 6 p. †
- 13962 1530. Tax-exempt status for certain nonprofit nurses' professional registries. Report from Committee on Ways and Means to accompany H.R. 8050. July 1, 1964. 5 p.
- 13963 1531. Report of 4th conference of Mexico-United States Interparliamentary Group, Washington, D.C. by Robert N. C. Nix, chairman of House of Representatives delegation; July 1, 1964. 1964. v + [1] + 26 p. †
- 13964 1532. Presentation of monument to Mexico. Report from Committee on Foreign Affairs to accompany S. 944. July 1, 1964. 4 p.
- 13965 1533. Rio Grande Canalization Project. Report from Committee on Foreign Affairs to accompany S. 2370. July 1, 1964. 6 p.
- 13966 1534. Emergency international flood control works, lower Colorado River. Report from Committee on Foreign Affairs to accompany H.R. 7419. July 1, 1964. 12 p.
- 13967 1535. International Commission for Supervision and Control in Laos. Report from Committee on Foreign Affairs to accompany S. 1627. July 1, 1964. 9 p.
- 13968 1536. Foreign Service annuity adjustment act of 1964. Report from Committee on Foreign Affairs to accompany H.R. 10485. July 1, 1964. 20 p.
- 13969 1537. Amending Foreign Service buildings act, 1926, to authorize additional appropriations, and for other purposes. Report from Committee on Foreign Affairs to accompany H.R. 11754. July 1, 1964. 3 p.
- 13970 1538. National Wilderness Preservation System. Report from Committee on Interior and Insular Affairs to accompany H.R. 9070. July 2, 1964. 23 p.
L.C. card 64-62049
- 13971 1540. Consideration of H.R. 3873. Report from Committee on Rules to accompany H. Res. 799. July 2, 1964. 1 p.
- 13972 1541. Amending law relating to divorce, legal separation, and annulment of marriage in District of Columbia. Report from Committee on District of Columbia to accompany H.R. 10777. July 2, 1964. 7 p.
- 13973 1542. Authorizing free transportation of guides or dog guides accompanying blind persons aboard aircraft. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 8068. July 2, 1964. 4 p.
- 13974 1543. Retirement of members of Secret Service Division. Report from Committee on District of Columbia to accompany H.R. 9995. July 2, 1964. 3 p.
- 13975 1544. Hydroelectric projects on Colorado River. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 9752. July 2, 1964. 11 p.
L.C. card 64-62055
- 13976 1545. Repealing of restrictions on residence of policemen and firemen. Report from Committee on District of Columbia to accompany H.R. 10683. July 2, 1964. 4 p.
- 13977 1546. Permitting U.S.S. Alabama to pass through Panama Canal. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 11822. July 2, 1964. 3 p.
- 13978 1547. Consideration of H.R. 6793. Report from Committee on Rules to accompany H. Res. 801. July 2, 1964. 1 p.
- 13979 1548. Social security amendments of 1964. Report of Committee on Ways and Means on H.R. 11865; July 11, 1964. 1964. iii + 58 p. [Includes separate views of James B. Utt and Bruce Alger.] * Paper, 20c.
L.C. card 64-62056

*For Sale by Superintendent of Documents

☞For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 25

GOVERNMENT PUBLICATIONS

House reports on public bills—Continued

- 13980 1549. Nurse training act of 1964. Report of Committee on Interstate and Foreign Commerce to accompany H.R. 12241; July 7, 1964. 1964. [1]+54 p.
L.C. card 64-62054
- 13981 1550. Use of additives in confectionery. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 4731. July 9, 1964. 11 p.
L.C. card 64-62051
- 13982 1551. Claims of shareholders of General Dyestuff Corp. Report from Committee on Interstate and Foreign Commerce to accompany S. 1451. July 9, 1964. 14 p.
- 13983 1552. Marketing of steel containers. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 5673. July 9, 1964. 9 p.
- 13984 1553. Graduate public health training amendments of 1964. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 11083. July 9, 1964. 18 p.
- 13985 1554. National Commission on Technology, Automation, and Economic Progress. Report from Committee on Education and Labor to accompany H.R. 11611. July 9, 1964. 13 p.
L.C. card 64-62047

Agriculture Committee, House

- [Committee hearings] serial, 88th Congress. † ● Item 1010
- 13986 RR. Administration of pesticide laws and regulations, hearings, 88th Congress, 2d session, May 26, 1964. 1964. iii+39 p.
L.C. card 64-61783 Y 4.Ag 8/1 : P 43
- 12987 SS. National Commission on Food Marketing, hearings, 88th Congress, 2d session, on H.J. Res. 977, May 5-7, 1964. 1964. iii+147 p. ii.
L.C. card 64-61972 Y 4.Ag 8/1 : F 73/21

Armed Services Committee, House

- [Papers], 88th Congress. † ● Item 1012 Y 4.Ar 5/2a : 963-64/(nos.)
- NOTE.*—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.
- 13988 48. Subcommittee no. 2 consideration of H.R. 11004, to authorize sale, without regard to 6-month waiting period prescribed, of zinc proposed to be disposed of pursuant to Strategic and critical materials stock piling act. [1964.] p. 9333-70.
- 13989 49. Subcommittee no. 1 consideration of H.R. 8676, to amend sec. 2634 of title 10, United States Code, so as to authorize military departments, in certain cases, to ship automobiles to and from Alaska by commercial motor carrier via highways and Alaska ferry system. [1964.] p. 9371-80.
- 13990 50. Subcommittee no. 3 consideration of H.R. 9634, H.R. 2500, H.R. 2501, H.R. 2502, H.R. 2509, H.R. 10328, and H.R. 10744. [1964.] p. 9381-9417.
- 13991 51. Full committee consideration of H.R. 8676, H.R. 9021, H.R. 11004, H.R. 11235, H.R. 11257, House concurrent resolution 300, H.R. 9634, H.R. 2500, H.R. 2501, H.R. 2502, H.R. 2509, H.R. 10328, H.R. 10744, H.R. 6299, report of Special Subcommittee on Defense Intelligence Agency Building, Navy acquisition project no. 40, Charleston, S.C., 2 consultations relating to naval petroleum and oil shale reserves, and H.R. 11626. [1964.] p. 9419-52.
- 13992 52. Subcommittee no. 2 consideration of H.R. 11257, to authorize sale, without regard to 6-month waiting period prescribed of lead proposed to be disposed of pursuant to Strategic and critical materials stock piling act. [1964.] p. 9453-86, ii.
- 13993 53. Subcommittee no. 2 consideration of House concurrent resolution 300, authorizing disposal of approximately 98,000 long tons of pig tin from national stockpile. [1964.] p. 9487-96.
- 13994 54. Subcommittee no. 2 consideration of H.R. 11235, to authorize disposal, without regard to prescribed 6-month waiting period, of approximately 11 million pounds of molybdenum from national stockpile. [1964.] p. 9497-9511.
- 13995 55. Subcommittee no. 1 consideration of H.R. 9718, to authorize crediting of certain military service for purposes of reserve retired pay. [1964.] p. 9513-25.

Banking and Currency Committee, House

- 13996 Amend sec. 14(b) of Federal reserve act, hearing, 88th Congress, 2d session, on H.R. 11499, June 11, 1964. 1964. iii+8 p. † ● Item 1013
L.C. card 64-61878 Y 4.B 22/1 : F 31/29/964

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

AUGUST 1964

- 13997 Prevalent monetary policy and its consequences, analysis submitted to Subcommittee on Domestic Finance, by Leon H. Keyserling; May 8, 1964. 1964. viii+106 p. il. (Subcommittee print, 88th Congress, 2d session.) †
L.C. card 64-62140 Y 4.B 22/1 : M 74/15

Education and Labor Committee, House

- 13998 National arts and cultural development act of 1963, hearings before Special Subcommittee on Labor, 88th Congress, 2d session, on H.R. 9587, Apr. 13-17, 1964. 1964. viii+197 p. † ● Item 1015
L.C. card 64-61973 Y 4.Ed 8/1 : N 21a
- 13999 National Commission on Technology, Automation and Economic Progress, hearings before Select Subcommittee on Labor, 88th Congress, 2d session, on H.R. 10310 and related bills, Apr. 14-27, 1964. 1964. iv+141 p. il. † ● Item 1015
L.C. card 64-62058 Y 4.Ed 8/1 : N 21c

Foreign Affairs Committee, House

- 14000 International Boundary and Water Commission, United States and Mexico, hearings before Subcommittee on Inter-American Affairs, 88th Congress, 2d session, on H.R. 9444 and H.R. 9445 [and] H.R. 7419, June 23 and 24, 1964. 1964. iii+49 p. † ● Item 1017
L.C. card 64-62021 Y 4.F 76/1 : F 65

Government Operations Committee, House

- 14001 Operations of Billie Sol Estes, hearings before subcommittee, 87th Congress, 2d session, May 28-Sept. 13, 1962. 1964. xiv+1442 p. † ● Item 1016
L.C. card 64-62015 Y 4.G 74/7 : Es 8
- 14002 Satellite communications, 1964, hearings before subcommittee, 88th Congress, 2d session. † ● Item 1016
L.C. card 64-61926 Y 4.G 74/7 : C 73/3/pt.1
pt. 1. Mar. 17-May 28, 1964. 1964. vii+1-657 p. il.
- 14003 Use of polygraphs as lie detectors by Federal Government, hearings before subcommittee, 88th Congress, 2d session. † ● Item 1016
L.C. card 64-61430 Y 4.G 74/7 : P 76/2/pt.3
pt. 3. Panel discussion with scientists, Apr. 29 and 30, 1964. 1964. iv+287-466 p.
- 14004 Water pollution control and abatement, hearings before subcommittee, 88th Congress, 1st session. † ● Item 1016
L.C. card 64-62019 Y 4.G 74/7 : W 29/pt. (nos.)
pt. 1A. National survey, May 21-June 5, 1963. 1964. xxxix+1-901 p. il.
2 maps. [Table of contents lists both pt. 1A and 1B.]
pt. 1B. National survey, June 6-25, 1963. 1964. xxxii+903-1841 p. il.

House Administration Committee, House

- 14005 National flower or floral emblem, hearing before Subcommittee on Library and Memorials, 88th Congress, 2d session, on H.J. Res. 10 [and other bills], June 5, 1964. 1964. iii+48 p. † ● Item 1018
Y 4.H 81/3 : F 66/964

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Interior and Insular Affairs Committee, House

[Committee hearings] serial, 88th Congress. † ● Item 1023
Y 4.In 8/14: 88/(nos.)

- 14006 18. Review of stockpiling of minerals and metals, hearings before Subcommittee on Mines and Mining, 88th Congress, 2d session.
L.C. card 64-61331
pt. 2. Industry witnesses. 1964. iii+175-212 p.
- 14007 22. Mid-State reclamation project, Nebr., hearings before Subcommittee on Irrigation and Reclamation, 88th Congress, 2d session, on H.R. 2681 and H.R. 1905, Mar. 2 and 3, 1964. 1964. iv+186 p. il. 2 pl. 2 maps, 1 tab.
L.C. card 64-61776
- 14008 23. Auburn-Folsom South unit, American River division, Central Valley project, Calif., hearings before Subcommittee on Irrigation and Reclamation, 88th Congress, 2d session, on H.R. 2411 and related bills, May 4 and 5, 1964. 1964. v+174 p. il. 1 pl.

Interstate and Foreign Commerce Committee, House

- 14009 FPC jurisdiction, Colorado River development, hearing before subcommittee, 88th Congress, 2d session, on H.R. 9752, June 9, 1964. 1964. iii+44 p. † ● Item 1019
L.C. card 64-61877
Y 4.In 8/4: C 71/2

Judiciary Committee, House

- [Committee hearings] serial, 88th Congress. †
- 14010 6. Criminal penalties in connection with highway construction program, hearings before Subcommittee no. 4, 88th Congress, 2d session, on H.R. 2557, H.R. 2643, H.E. 6080, H.R. 6870, Mar. 12 and 13, 1964. 1964. iii+57 p. ● Item 1020
Y 4.J 89/1: 88/6

Merchant Marine and Fisheries Committee, House

- [Committee hearings] serial, 88th Congress. † ● Item 1021
- 14011 12. Fishing vessel subsidies: pt. 2, Hearing before Subcommittee on Fisheries and Wildlife Conservation, 88th Congress, 1st session, on H.R. 2172, H.R. 2643, S. 1006, Nov. 13, 1963. 1964. iv+95-167 p.
L.C. card 63-65372
Y 4.M 53: 88-12
- 14012 Florida Coast Guard, inspection report, report of special subcommittee on inspection trip to 7th Coast Guard District, Feb. 13, 1964; May 14, 1964. 1964. ii+3 p. (Committee print, 88th Congress, 2d session.) ‡
L.C. card 64-62124
Y 4.M 53: C 63/17

Post Office and Civil Service Committee, House

- 14013 Curtailment of postal services, hearings before Subcommittee on Postal Operations, 88th Congress, 2d session, June 16-18, 1964. 1964. iii+145 p. il. † ● Item 1022
Y 4.P 84/10: P 84/39
- 14014 Federal paperwork jungle, hearing before Subcommittee on Census and Government Statistics, 88th Congress, 2d session. † ● Item 1022
L.C. card 64-61782
Y 4.P 84/10: P 19/5/(pt. (nos.))
pt. 2. Chicago, Ill., May 8, 1964. 1964. iii+81-134 p. il.
pt. 3. Washington, D.C., May 19 and 20, 1964. 1964. iii+135-196 p. il. 1 pl. 1 tab.

Public Works Committee, House

- [Committee hearings, serial], 88th Congress. † ● Item 1024
- 14015 21. Appalachian regional development act of 1964, hearings before Ad Hoc Subcommittee on Appalachian Regional Development, 88th Congress, 2d session, on H.R. 11065 and H.R. 11066, May 5—une 11, 1964. 1964. vi+73 p. il.
L.C. card 64-62102
Y 4.P 96/11: 88/21

*For Sale by Superintendent of Documents
‡Distribution Made by Issuing Office
†Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 14016 Real property acquisition practices and adequacy of compensation in Federal and federally assisted programs, hearings before Select Subcommittee on Real Property Acquisition, 88th Congress, 2d session, Feb. 27 and 28, 1964. 1964. v+324 p. [These hearings were held in Boston, Mass. and Providence, R.I.] † ● Item 1024
L.C. card 64-62060 Y 4.P 96/11 : P 94/2/964

Rules Committee, House

- 14017 Civil rights, hearing, 88th Congress, 2d session, on H. Res. 789, June 30, 1964. 1964. ii+57 p. † ● Item 1025
L.C. card 64-62059 Y 4.R 86/1 : C 49/2/964-2

Small Business, Select Committee on, House

- 14018 Small business investment program, hearings, 88th Congress, 2d session, pursuant to H. Res. 13, Mar. 17 and 18, 1964. 1964. v+243 p. il.
* Paper, 60c. ● Item 1031
L.C. card 64-61778 Y 4.Sm 1 : In 8

Veterans' Affairs Committee, House

- 14019 Pension bills providing non-service-connected pension benefits for veterans of all wars, hearings before Subcommittee on Compensation and Pensions, 88th Congress, 2d session, on H.R. 33 [and other bills], May 19-28, 1964. 1964. vii+3401-3927 p. il. † ● Item 1027
L.C. card 64-61923 Y 4.V 64/3 : P 38/12/964

Ways and Means Committee, House

- 14020 Federal excise tax structure, panel discussion, 88th Congress, 2d session.
● Item 1028
L.C. card 64-62106 Y 4.W 36 : Ex 2/11/pt.2
pt. 2. June 15 and 16, 1964. 1964. iii+122 p. * Paper, 35c.

SENATE

- 14021 Factual campaign information; compiled by Senate Library under direction of Felton M. Johnston, Secretary of Senate, Richard D. Hupman, Librarian. Revised July 8, 1964. 1964. iii+71 p. 1 tab. †
L.C. card 56-60948 Y 1.3 : C 15/2/964-2

Journal of executive proceedings of Senate.

NOTE.—These volumes are distributed by the secretary of the Senate. The distribution is limited as the number printed is restricted by law to 50 copies.

- 14022 v. 105, pt. 2. 88th Congress, 1st session, Jan. 9-Dec. 30, 1963, index. 1964. iii+1059 p. † Y 1.3/4 : 105/pt.2

Senate bills

NOTE.—The following list includes all public bills and resolutions introduced during the period of this catalog. Amendments are not listed.

For information concerning bills, see (1) Senate calendar, (2) Congressional record index, or (3) Digest of public general bills prepared by the Legislative Reference Service, Library of Congress.

Depository libraries should consult the depository shipping lists for a complete list of the bills and resolutions sent to them by the Superintendent of Documents.

- 14023 S. 2905, 2913-14, 2921, 2923, 2925, 2927-31, 2933-34, 2937, 2946-47, 2949-50, 2955-56, 2958, 2960-61, 2963, 2967-69, 2973, 2977-79, 2981-87, 2990-92, 2995, 2997-3001, 3007-9, 3012-13, S. Con. Res. 89-90, S. Joint Res. 181-183, S. Res. 334-341. 88th Congress. ● Item 1006

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Senate documents

NOTE.—All Senate documents, entries for which are followed by a †, may be obtained from the Senate Document Room or from the issuing office.

Senate documents, 88th Congress.

- 14024 82. Amendments to budget [for 1965] for Department of Agriculture. June 24, 1964. 2 p. † ● Item 996
- 14025 83. Amendment to budget [for 1965] and proposed supplemental appropriation [for 1964] for Department of Agriculture. June 24, 1964. 3 p. † ● Item 996
- 14026 84. Amendment to budget for Veterans' Administration, fiscal year 1965. June 24, 1964. 2 p. † ● Item 996

Senate executive documents

Senate executive documents, 88th Congress, 2d session. †

- 14027 C. Supplementary convention of extradition with Belgium, message from President of United States transmitting supplementary convention to extradition convention of Oct. 26, 1901, and supplementary convention of June 20, 1935, between United States and Belgium, which supplementary convention was signed at Brussels on Nov. 14, 1963. June 1, 1964. 4 p. Y 1.88/2: (letters)
- 14028 D. Consular convention with Russia, message from President of United States transmitting consular convention between United States and Union of Soviet Socialist Republics, together with protocol relating thereto, signed Moscow, June 1, 1964. June 12, 1964. 14 p. L.C. card 64-61881

Senate executive reports

Senate executive reports, 88th Congress, 2d session. † Y 1.88/2: rp. (nos.)

- 14029 8. Northwest Atlantic fisheries. Report from Committee on Foreign Relations to accompany Ex. B, 88th Cong., 2d sess. June 1, 1964. 3 p.
- 14030 9. Tax protocol with Greece. Report from Committee on Foreign Relations to accompany Ex. A., 88th Cong., 2d sess. June 1, 1964. 5 p.

Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

Senate reports on private bills, 88th Congress. † Senate Document Room, Capitol. ● Item 1008-B

- 14031 1104. Directing Secretary of Interior to sell certain public lands in Arizona. Report from Committee on Interior and Insular Affairs to accompany H.R. 5514. June 24, 1964. 5 p.
- 14032 1129. Debra Lynne Sanders. Report from Committee on Judiciary to accompany S. 2673. June 30, 1964. 10 p.
- 14033 1130. Linus Han. Report from Committee on Judiciary to accompany S. 2698. June 30, 1964. 9 p.
- 14034 1131. Dr. Jorge A. Picaza. Report from Committee on Judiciary to accompany S. 2789. June 30, 1964. 7 p.
- 14035 1132. Giuseppe Di Censo. Report from Committee on Judiciary to accompany S. 2205. June 30, 1964. 6 p.
- 14036 1135. Mr. and Mrs. Loward D. Sparks. Report from Committee on Judiciary to accompany H.R. 6473. June 30, 1964. 4 p.
- 14037 1136. Polly Ann Mutz Kampouris. Report from Committee on Judiciary to accompany S. 2164. June 30, 1964. 5 p.
- 14038 1137. Angelina Martino. Report from Committee on Judiciary to accompany S. 2452. June 30, 1964. 8 p.
- 14039 1138. Nora Chin-Bing. Report from Committee on Judiciary to accompany S. 2548. June 30, 1964. 6 p.
- 14040 1139. Denise Hojebane Barrood. Report from Committee on Judiciary to accompany S. 2599. June 30, 1964. 6 p.
- 14041 1141. Pedro Aguinaldo. Report from Committee on Judiciary to accompany H.R. 2737. June 30, 1964. 4 p.
- 14042 1142. Jackie Bergancia Smith. Report from Committee on Judiciary to accompany H.R. 5408. June 30, 1964. 5 p.
- 14043 1143. Wieslawa Marianna Borczon. Report from Committee on Judiciary to accompany H.R. 5501. June 30, 1964. 4 p.
- 14044 1144. Wolfgang Seidl. Report from Committee on Judiciary to accompany H.R. 6385. June 30, 1964. 9 p.
- 14045 1145. Keith Hills. Report from Committee on Judiciary to accompany H.R. 10407. June 30, 1964. 6 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 14046 1168. Mrs. Marjorie Curtis. Report from Committee on Judiciary to accompany H.R. 4811. July 2, 1964. 6 p.
 14047 1169. Leo M. Mondry. Report from Committee on Judiciary to accompany S. 2334. July 2, 1964. 3 p.

Senate reports on public bills, 88th Congress. † Senate Document Room, Capitol. (No. 1175 is sold by Superintendent of Documents.) ● Item 1008-A

- 14048 1095. Treasury, Post Office, and Executive Office appropriation bill, 1965. Report from Committee on Appropriations to accompany H.R. 10532. June 17, 1964. 25 p.
 14049 1098. Mass spectrometers, rheogoniometers, and certain stone. Report from Committee on Finance to accompany H.R. 4364. June 22, 1964. 2 p.
 14050 1099. Kennebec irrigation division extension. Report from Committee on Interior and Insular Affairs to accompany S. 2630. June 23, 1964. 8 p.
 14051 1100. Amending sec. 502 of Merchant marine act, 1936, relating to construction differential subsidies. Report, together with individual views, from Committee on Commerce to accompany H.R. 10053. June 23, 1964. 11 p.
 14052 1101. Manson irrigation unit, Wash. Report from Committee on Interior and Insular Affairs to accompany S. 2533. June 23, 1964. 6 p.
 14053 1102. Military construction authorization for fiscal year 1965. Report from Committee on Armed Services to accompany H.R. 10300. June 24, 1964. 59 p.
 L.C. card 64-62025
 14054 1103. Addition to Everglades National Park. Report from Committee on Interior and Insular Affairs to accompany S. 2082. June 24, 1964. 4 p.
 14055 1105. Extension of renegotiation act. Report from Committee on Finance to accompany H.R. 10669. June 24, 1964. 8 p.
 14056 1106. Public debt limit. Report from Committee on Finance to accompany H.R. 11375. June 24, 1964. 8 p.
 L.C. card 64-62024
 14057 1107. Excise taxes. Report from Committee on Finance to accompany H.R. 11376. June 24, 1964. 8 p.
 L.C. card 64-61995
 14058 1108. Temporary extension of insured housing loan program for elderly in rural areas. Report from Committee on Banking and Currency to accompany H.J. Res. 1041. June 25, 1964. 4 p.
 14059 1109. Extending for 2 years authority for Treasury sale of U.S. obligations directly to Federal Reserve banks. Report from Committee on Banking and Currency to accompany H.R. 11499. June 25, 1964. 7 p.
 14060 1110. Extension of Defense production act. Report from Committee on Banking and Currency to accompany H.R. 10000. June 25, 1964. 11 p.
 14061 1111. Nebraska Mid-State division. Report from Committee on Interior and Insular Affairs to accompany S. 388. June 25, 1964. 8 p.
 14062 1112. Establishment of Fort Union Trading Post National Historic Site, N. Dak. Report from Committee on Interior and Insular Affairs to accompany S. 187. June 25, 1964. 6 p.
 14063 1113. Waiver of insurance premiums upon becoming disabled prior to age 65. Report from Committee on Finance to accompany H.R. 6777. June 25, 1964. 11 p. ll.
 14064 1114. Raising age limit to 65 for total disability income provision on NSLI policies. Report from Committee on Finance to accompany H.R. 6920. June 25, 1964. 6 p.
 14065 1115. Veterans' burial allowances. Report from Committee on Finance to accompany H.R. 3941. June 25, 1964. 4 p.
 14066 1116. Making continuing appropriations for fiscal year 1965. Report from Committee on Appropriations to accompany H.J. Res. 1056. June 25, 1964. 2 p.
 14067 1117. Alaska earthquake reconstruction. Report together with individual views from Committee on Interior and Insular Affairs to accompany S. 2881. June 25, 1964. 34 p.
 L.C. card 64-62061
 14068 1118. Section 512(b) of Internal revenue code. Report from Committee on Finance to accompany H.R. 6455. June 25, 1964. 5 p.
 14069 1119. Exemption from induction of sole surviving son of family, whose father died as result of military service. Report from Committee on Armed Services to accompany H.R. 2664. June 25, 1964. 5 p.
 14070 1120. Extending certain civil defense authorities. Report from Committee on Armed Services to accompany H.R. 10314. June 25, 1964. 9 p.
 14071 1121. Government employees salary reform act of 1964. Report from Committee on Post Office and Civil Service to accompany H.R. 11049. June 26, 1964. 96 p.
 L.C. card 64-62097
 14072 1122. Crooked River project extension, Oreg. Report from Committee on Interior and Insular Affairs to accompany S. 1186. June 26, 1964. 8 p.
 14073 1123. Medal of Honor pension. Report from Committee on Finance to accompany H.R. 2434. June 26, 1964. 7 p.

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

Senate reports on public bills—Continued

- 14074 1124. Food stamp act of 1964. Report from Committee on Agriculture and Forestry to accompany H.R. 10222. June 29, 1964. 18 p.
L.C. card 64-62098
- 14075 1125. Proposed rules 41 and 42 to Standing rules of Senate. Report of Committee on Rules and Administration to accompany S. Res. 337 together with individual views; June 29, 1964. 1964. [1]+14 p.
- 14076 1126. Authorizing reimbursement to owners and tenants of certain lands or interests therein acquired by United States for certain moving expenses, losses, and damages, and for other purposes. Report from Committee on Government Operations to accompany S. 1509. June 29, 1964. 12 p.
- 14077 1127. Providing for construction of Lower Teton division of Teton Basin Federal reclamation project, Idaho. Report together with individual views from Committee on Interior and Insular Affairs to accompany S. 1123. June 29, 1964. 9 p.
- 14078 1128. Amendments to Atomic energy act of 1954, as amended, Atomic energy community act of 1955, as amended, and Euratom cooperation act of 1958, as amended. Report from Joint Committee on Atomic Energy to accompany S. 2963. June 30, 1964. 13 p.
- 14079 1133. Liens in bankruptcy. Report from Committee on Judiciary to accompany H.R. 394. June 30, 1964. 33 p.
- 14080 1134. Limiting priority and nondischargeability of taxes in bankruptcy. Report from Committee on Judiciary to accompany H.R. 3438. June 30, 1964. 18 p.
L.C. card 64-62045
- 14081 1146. Consent to Pymatuning Lake compact amendment (Ohio-Pennsylvania). Report from Committee on Judiciary to accompany H.J. Res. 950. June 30, 1964. 8 p.
- 14082 1147. Amending rule 25 of Standing rules of Senate relative to jurisdiction of Committee on Rules and Administration. Report from Committee on Rules and Administration to accompany S. Res. 338. July 1, 1964. 2 p.
- 14083 1148. Designating 2d Monday in April as National Teachers' Day. Report from Committee on Judiciary to accompany S.J. Res. 23. July 1, 1964. 2 p.
- 14084 1149. See the United States. Report from Committee on Judiciary to accompany H.J. Res. 658. July 1, 1964. 7 p.
- 14085 1152. Pearl Harbor Day. Report from Committee on Judiciary to accompany H.J. Res. 475. July 1, 1964. 1 p.
- 14086 1153. Battle of Monocacy Centennial. Report from Committee on Judiciary to accompany H.R. 9094. July 1, 1964. 1 p.
- 14087 1156. Residence for Capitol pages. Report from Committee on Public Works to accompany S. 1847. July 1, 1964. 8 p.
- 14088 1157. Survey of Erie River, Tex. Report from Committee on Public Works to accompany H.R. 5478. July 1, 1964. 2 p.
- 14089 1158. Survey of Cedar Bayou, Tex. Report from Committee on Public Works to accompany H.R. 6923. July 1, 1964. 2 p.
- 14090 1159. Permitting State to increase mileage of its Federal-aid primary system when provision is made for completion and maintenance of 75 percent thereof. Report from Committee on Public Works to accompany S. 1282. July 1, 1964. 4 p.
- 14091 1160. Great River Road (Mississippi River Parkway). Report from Committee on Public Works to accompany S. 1593. July 1, 1964. 6 p.
L.C. card 64-62153
- 14092 1161. District of Columbia. Interstate highway program center leg of innerloop freeway system. Report together with individual views from Committee on Public Works to accompany H.R. 10392. July 1, 1964. 14 p.
- 14093 1162. Federal-aid highway act of 1964. Report from Committee on Public Works to accompany H.R. 10503. [July 1, 1964.] 23 p.
L.C. card 64-62046
- 14094 1163. Authorizing disposal of molybdenum from national stockpile. Report from Committee on Armed Services to accompany H.R. 11235. July 2, 1964. 5 p.
- 14095 1164. Authorizing disposal of lead from national stockpile. Report from Committee on Armed Services to accompany H.R. 11257. July 2, 1964. 6 p.
- 14096 1165. Authorizing disposal of zinc from national stockpile. Report from Committee on Armed Services to accompany H.R. 11004. July 2, 1964. 6 p.
- 14097 1166. Authorizing disposal of pig tin from national stockpile. Report from Committee on Armed Services to accompany H. Con. Res. 300. July 2, 1964. 3 p.
- 14098 1167. Meat imports, wild birds and wild animals. Report from Committee on Finance to accompany H.R. 1839. July 2, 1964. 11 p.
- 14099 1170. Sarpy County, Nebr. Report from Committee on Judiciary to accompany S. 2339. July 2, 1964. 6 p.
- 14100 1171. Operation of art. 7, NATO status of forces treaty. Report of Committee on Armed Services, made by its Subcommittee on Operation of art. 7 of NATO Status of Forces Agreement, to review for Dec. 1, 1961-Nov. 30, 1962, operation of art. 7 of agreement between parties to North Atlantic Treaty, together with other criminal jurisdictional arrangements throughout the world; July 8, 1964. 1964. iii+15 p. ll.
L.C. card 60-61696

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

AUGUST 1964

- 14101 1172. District of Columbia crime. Report together with minority views from Committee on District of Columbia to accompany H.R. 7525. July 8, 1964. 50 p.
L.C. card 64-62041
- 14102 1173. Attendance at meeting of Commonwealth Parliamentary Association. Report from Committee on Foreign Relations to accompany S. Res. 339. July 8, 1964. 2 p.
- 14103 1174. Enabling Secretary of Agriculture to construct and maintain adequate system of roads and trails for national forests, and for other purposes. Report from Committee on Public Works to accompany S. 1147. July 8, 1964. 17 p.
- 14104 1175. Financial or business interests of officers or employees of Senate. Report of Committee on Rules and Administration pursuant to S. Res. 212, together with minority and supplemental views; July 8, 1964. 1964. iii+107 p. il. * Paper, 30c.
- 14105 1176. Repealing District of Columbia credit unions act and permitting credit unions presently incorporated under provisions of that act to be chartered under Federal credit union act. Report from Committee on District of Columbia to accompany H.R. 8313. July 9, 1964. 8 p.
- 14106 1177. Amending act affecting size of milk and ice cream containers. Report from Committee on District of Columbia to accompany H.R. 6413. July 9, 1964. 4 p.
- 14107 1178. Promulgating special regulations for Shrine Convention in District of Columbia. Report from Committee on District of Columbia to accompany H.J. Res. 888. July 9, 1964. 3 p.
- 14108 1179. Protecting heads of foreign states and other designated officials. Report from Committee on Foreign Relations to accompany S. 1917. July 9, 1964. 9 p.
- 14109 1180. 14th annual report of Select Committee on Small Business, together with individual views; July 9, 1964. 1964. vi+145 p. 1 pl.
- 14110 1181. Retroceding to Kansas exclusive jurisdiction over certain State highways bordering Fort Leavenworth Military Reservation and U.S. Penitentiary at Leavenworth. Report from Committee on Armed Services to accompany S. 2369. July 9, 1964. 3 p.
- 14111 1182. Adjusting legislative jurisdiction over lands located within vicinity of Fort Devens, Mass. Report from Committee on Armed Services to accompany H.R. 393. July 9, 1964. 4 p.
- 14112 1183. Conveying to city of St. Paul, Minn., all right, title, and interest of United States in and to certain lands heretofore conveyed to such city. Report from Committee on Armed Services to accompany H.R. 4177. July 9, 1964. 5 p.
- 14113 1184. To change designated use of property conveyed by Department of Air Force to Fort Walton Beach, Fla. Report from Committee on Armed Services to accompany H.R. 7248. July 9, 1964. 5 p.
- 14114 1185. Conveyance of land to Oroville, Calif. Report from Committee on Armed Services to accompany H.R. 7499. July 9, 1964. 4 p.
- 14115 1186. Authorizing conveyance of 2 tracts of land situated in Salt Lake City, Utah, for public school purposes. Report from Committee on Armed Services to accompany H.R. 9021. July 9, 1964. 8 p.
- 14116 1187. Adjusting legislative jurisdiction exercised by United States over lands comprising U.S. Naval Hospital, Portsmouth, Va. Report from Committee on Armed Services to accompany H.R. 10736. July 9, 1964. 5 p.
- 14117 1189. Transportation of mobile dwellings of members of uniformed services. Report from Committee on Armed Services to accompany H.R. 8954. July 10, 1964. 6 p.
- 14118 1190. Extending act providing improved opportunity for promotion for certain officers in naval service. Report from Committee on Armed Services to accompany H.R. 10322. July 10, 1964. 12 p.
- 14119 1191. Increasing rates of basic pay for members of uniformed services. Report from Committee on Armed Services to accompany S. 3001. July 15, 1964. 22 p. 5 tab.
- 14120 1218. Economic opportunity act of 1964. Report together with minority and individual views from Committee on Labor and Public Welfare to accompany S. 2642. July 21, 1964. 133 p.
L.C. card 64-62100

Aging, Special Committee on, Senate

- 14121 Blue Cross and other private health insurance for the elderly, hearings before Subcommittee on Health of the Elderly, 88th Congress, 2d session.
● Item 1009
L.C. card 64-62017 Y 4.Ag 4: B 62/pt. (nos.)
pt. 1. Apr. 27, 1964. 1964. iii+1-59 p. * Paper, 20c.
pt. 2. Apr. 28, 1964. 1964. iii+61-178 p. * Paper, 35c.

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 14122 Health frauds and quackery, hearings before Subcommittee on Frauds and Misrepresentations Affecting the Elderly, 88th Congress, 2d session.
 ● Item 1009
 L.C. card 64-62016 Y 4.Ag 4: H 34/7/pt.1
 pt. 1. San Francisco, Calif., Jan. 13, 1964. 1964. iv+1-162c p. il. * Paper, 45c.
- 14123 Housing problems of the elderly, hearings before Subcommittee on Housing for the elderly, 88th Congress, 2d session. ● Item 1009
 L.C. card 64-60751 Y 4.Ag 4: H 81/964/pt.3
 pt. 3. San Francisco, Calif., Jan. 11, 1964. 1964. iii+123-192 p. * Paper, 25c.

Agriculture and Forestry Committee, Senate

- 14124 Food stamp act of 1964, hearings, 88th Congress, 2d session, on H.R. 10222, June 18 and 19, 1964. 1964. iii+89 p. † ● Item 1032
 L.C. card 64-61873 Y 4.Ag 8/2: F 73/18

Appropriations Committee, Senate

- 14125 Department of Defense appropriations, 1965, hearings, 88th Congress, 2d session, on H.R. 10939. †
 L.C. card 60-61493 Y 4.Ap 6/2: D 36/4/965/pt.1-2
 pt. 1. Hearings before Subcommittee on Department of Defense of Committee on Appropriations and Committee on Armed Services, procurement programs requiring annual authorization, research, development, test, and evaluation programs. 1964. ii+898+xxxiii p. il. ● Item 1033 and 1034
 pt. 2. Hearings before subcommittee of Committee on Appropriations. 1964. ii+866+xiv p. il. 2 tab. ● Item 1033

Armed Services Committee, Senate

- 14126 Department of Defense appropriations, 1965, hearings. See Appropriations Committee, Senate.
- 14127 Nominations of Secretaries Horwitz, Luevano, Morse, and Marks and continuing civil defense authorities, hearing, 88th Congress, 2d session, on nominations, Solis Horwitz, of Pennsylvania, to be Assistant Secretary of Defense, Daniel M. Luevano, of California, to be Assistant Secretary of Army, Robert Warren Morse, of Rhode Island, to be Assistant Secretary of Navy, Leonard Marks, jr., of California, to be Assistant Secretary of Air Force; H.R. 10314, extending expiration date of certain civil defense authorities, June 25, 1964. 1964. iii+37 p. il. † ● Item 1034
 L.C. card 64-62103 Y 4.Ar 5/3: H 78/3

Banking and Currency Committee, Senate

- 14128 Defense production act amendments, 1964, hearing, 88th Congress, 2d session, on H.R. 10000, June 24, 1964. 1964. iii+30 p. † ● Item 1035
 L.C. card 64-61928 Y 4.B 22/3: D 36/3/964
- 14129 Housing and community development act of 1964, questions and answers on provisions of S. 2468, Subcommittee on Housing; Mar. 1964. 1964. ii+37 p. (Committee print, 88th Congress, 2d session.) †
 L.C. card 64-62125 Y 4.B 22/3: H 81/52
- 14130 Nomination of Hamer H. Budge, hearing, 88th Congress, 2d session, on nomination of Hamer H. Budge to be member of Securities and Exchange Commission, June 24, 1964. 1964. ii+15 p. † ● Item 1035
 L.C. card 64-61875 Y 4.B 22/3: B 85
- 14131 Section-by-section analysis of Housing act of 1964 as recommended by Subcommittee on Housing; July 1964. 1964. ii+7 p. (Committee print, 88th Congress, 2d session.) †
 L.C. card 64-62075 Y 4.B 22/3: H 81/43/964

*For Sale by Superintendent of Documents
 †Distribution Made by Issuing Office
 ‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

AUGUST 1964

Commerce Committee, Senate

[Committee hearing] serial, 88th Congress. † ● Item 1041

- 14132 53. Nomination of LeRoy Collins, hearing, 88th Congress, 2d session, on nomination of LeRoy Collins, of Florida, to be director of Community Relations Service for term of 4 years, July 7, 1964. 1964. iii+56 p.
L.C. card 64-62038 Y 4.C 73/2 : 88/53

Finance Committee, Senate

- 14133 Debt limit, hearing, 88th Congress, 2d session, on H.R. 11375, June 23, 1964. 1964. iii+48 p. † ● Item 1038
L.C. card 64-61874 Y 4.F 49 : D 35/5/964
- 14134 Interest equalization tax act, hearings, 88th Congress, 2d session, on H.R. 8000, June 29-July 2, 1964. 1964. v+359 p. *Paper, 65c. ● Item 1038
L.C. card 64-62039 Y 4.F 49 : In 8
- 14135 Meat imports, hearings, 88th Congress, 2d session, on amendments 465 and 467, to restrict imports of beef, veal, lamb, and mutton into United States. † ● Item 1038
L.C. card 64-61461 Y 4.F 49 : M 46/pt.2
pt. 2. Mar. 31-June 17, 1964. 1964. vii+375-604 p. ll.

Foreign Relations Committee, Senate

- 14136 Foreign assistance 1964, hearings, 88th Congress, 2d session, on S. 2659, S. 2660, S. 2662, H.R. 11380, Mar. 31-June 23, 1964. 1964. vi+628 p. ll.
† ● Item 1039
L.C. card 64-62020 Y 4.F 76/2 : F 76/13/964
- 14137 Mexico-United States Interparliamentary Group, report of Senate delegation on 4th meeting, held at Washington, D.C., Mar. 1964, by John Sparkman, chairman; June 11, 1964. 1964. v+18 p. (Committee print, 88th Congress, 2d session.) ‡
L.C. card 61-60924 Y 4.F 76/2 : M 57/8/964

Government Operations Committee, Senate

- 14138 Administration of national security, American ambassador, study submitted by Subcommittee on National Security Staffing and Operations (pursuant to S. Res. 279, 88th Cong.). 1964. v+16 p. (Committee print, 88th Congress, 2d session.) ‡
L.C. card 64-62076 Y 4.G 74/6 : N 21 se/17
- 14139 Impact of Federal urban development programs on local government organization and planning [with lists of documentation] prepared in cooperation with Subcommittee on Intergovernmental Relations by Advisory Commission on Intergovernmental Relations; May 30, 1964. 1964. xiii+198 p. ([Commission report A-20]; Committee print, 88th Congress, 2d session.) ‡
L.C. card 64-62142 Y 4.G 74/6 : Ur 1/2

Interior and Insular Affairs Committee, Senate

- 14140 Alaska reconstruction, hearing, 88th Congress, 2d session, on S. 2881, June 3, 1964. 1964. iii+63 p. † ● Item 1040
L.C. card 64-61876 Y 4.In 8/13 : A1 1/20
- 14141 Big Horn Canyon, hearing before Subcommittee on Public Lands, 88th Congress, 2d session, on S. 2048, May 29, 1964. 1964. iv+37 p. ll. † ● Item 1040
L.C. card 64-62101 Y 4.In 8/13 : B 48

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 35

GOVERNMENT PUBLICATIONS

- 14142 Central Arizona project, hearings before Subcommittee on Irrigation and Reclamation, 88th Congress, 2d session, on S. 1658, and discussion of Pacific Southwest water plan. † ● Item 1040
L.C. card 63-65374 Y 4.In 8/13: Ar 4i/pt.2
pt. 2. Apr. 9-23, 1964. 1964. vi+271-757 p. il.
- 14143 Fort Bowie, Ariz., hearing before Subcommittee on Public Lands, 88th Congress, 2d session, on S. 91, May 29, 1964. 1964. iv+13 p. il. † ● Item 1040
L.C. card 64-61929 Y 4.In 8/13: F 77b
- 14144 Graff House site, hearing before Subcommittee on Public Lands, 88th Congress, 2d session, on S. 605, May 29, 1964. 1964. iii+37 p. il. map † ● Item 1040
Y 4.In 8/13: G 75
- 14145 Phosphate leases, hearing before Subcommittee on Minerals, Materials, and Fuels, 88th Congress, 2d session, on S. 2500, May 20, 1964. 1964. iii+24 p. † ● Item 1040
L.C. card 64-61931 Y 4.In 8/13: P 56/3
- 14146 Weather modification, hearing before Subcommittee on Irrigation and Reclamation, 88th Congress, 2d session, on program for increasing precipitation in Colorado River basin by artificial means, May 21, 1964. 1964. iii+41 p. † ● Item 1040
L.C. card 64-61930 Y 4.In 8/13: W 37/2

Judiciary Committee, Senate

- 14147 Patent Office fees, hearings before Subcommittee on Patents, Trademarks, and Copyrights, 88th Congress, 2d session, pursuant to S. Res. 270 on S. 2547 and H.R. 8190, Feb. 27 and 28, 1964. 1964. iv+323 p. * Paper, 75c. ● Item 1042
Y 4.J 89/2: P 27/25/964
- 14148 Presidential inability and vacancies in office of Vice President, hearings before Subcommittee on Constitutional Amendments, 88th Congress, 2d session, on S. J. Res. 13 [and other bills], Jan. 22-Mar. 5, 1964. 1964. iv+272 p. † ● Item 1042
L.C. card 64-62018 Y 4.J 89/2: P 92/10
- 14149 Price discrimination legislation, hearings before Subcommittee on Antitrust and Monopoly, 88th Congress, 2d session, pursuant to S. Res. 262 on S. 1815 and S. 1935, Feb. 19-Mar. 19, 1964. 1964. iii+199 p. il. * Paper, 55c. ● Item 1042
L.C. card 64-61872 Y 4.J 89/2: P 93/3/964
- 14150 Professional boxing, hearings before Subcommittee on Antitrust and Monopoly, 88th Congress, 2d session, pursuant to S. Res. 262 on S. 1182. † ● Item 1042
Y 4.J 89/2: B 69/3/pt.4
pt. 4. Liston-Clay fight, Mar. 24-31, 1964. 1964. iv+1597-1847 p.

Labor and Public Welfare Committee, Senate

- 14151 College student aid legislation, hearings before Subcommittee on Education, 88th Congress, 2d session, on S. 2490 and title 1 of S. 580. † ● Item 1043
L.C. card 64-61871 Y 4.L 11/2: C 68/pt.1,2
pt. 1. Feb. 20 and Mar. 10, 1964. 1964. xi+1-488 p. il.
pt. 2. Mar. 11-Apr. 15, 1964. 1964. xi+489-827 p. il.
- 14152 Economic opportunity act of 1964, hearings before Select Committee on Poverty, 88th Congress, 2d session, on S. 2642, June 17-25, 1964. 1964. v+357 p. † ● Item 1043
L.C. card 64-62099 Y 4.L 11/2: Ec 7

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailng Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 14153 Hospitals and medical facilities, hearing before Subcommittee on Health, 88th Congress, 2d session, on H.R. 10041, S. 2531, and S. 894, July 8, 1964. iv+189 p. † ● Item 1043
L.C. card 64-62026 Y 4.L 11/2: H 79/2
- 14154 Medal of Honor awards, 1863-1963, hearing before Subcommittee on Veterans' Affairs, 88th Congress, 1st session, on S. 1046, Oct. 9, 1963. 1964. iii+11 p. † ● Item 1043
L.C. card 64-61784 Y 4.L 11/2: M 46/9
- 14155 Miscellaneous veterans bills, hearing before Subcommittee on Veterans' Affairs, 88th Congress, 2d session, on S. 2636, H.R. 8611, H.R. 8677, and H.R. 7751, May 28, 1964. 1964. iv+78 p. il. † ● Item 1043
L.C. card 64-61927 Y 4.L 11/2: V 64/17/964

Rules and Administration Committee, Senate

- 14156 Financial or business interests of officers or employees of Senate, hearings, 88th Congress, 1st and 2d session, pursuant to S. Res. 212 and S. Res. 291 on S. Con. Res. 5 and S. 1261. † ● Item 1046
L.C. card 64-60457 Y 4.R 86/2: F 49/pt.(nos.)
- pt. 22. Testimony of Senator Jacob K. Javits, Senator Kenneth B. Keating, Senator Clifford P. Case, Senator Maurine B. Neuberger, and Senator Philip A. Hart, May 26, 1964. 1964. iv+1901-97 p.
- pt. 24. Mar. 13, 1964. 1964. ii+2045-2094 p.
- pt. 25. Mar. 23, 1964. 1964. ii+2095-2188 p.
- pt. 26. Mar. 24, 1964. 1964. ii+2189-2241 p.

COPYRIGHT OFFICE, Library of Congress

- 14157 66th annual report of register of copyrights, fiscal year 1963. 1964. iv+21 p. il. large 8° [Reprinted from Annual report of Librarian of Congress, fiscal year 1963.] †
L.C. card 10-35017 LC 3.1: 963
- Catalog of copyright entries, 3d series, v. 17.
- 14158 pts. 12-13. Motion pictures and filmstrips, no. 2; July-Dec. 1963. 1964. vii+75-137 p. 4° * Paper, \$1.00 a yr., 25c. additional for foreign mailing; single copy, 50c. ● Item 800
L.C. card 6-35347 LC 3.6/5: v.17/pt.12-13/no.2

CUSTOMS COURT

- 14159 100th set revised pages to Customs regulations; Mar.-Apr. 1964. 1964. [61] p. 4° [Includes amendments made by Treasury decisions 56119-151 and complete Index to Customs regulations, revised to Jan. 1, 1964. Issued in loose-leaf form.] * Paper, \$8.00 (including basic regulations and revised pages for 1 yr.); \$2.00 additional for foreign mailing.
● Item 948-A T 17.9: 962/rev. pages 100

DEFENSE DEPARTMENT

- 14160 Equal employment opportunity in Defense Supply Agency. [June 1964.] cover title, [1]+ii+15+[27] p. il. 4° † ● Item 314-A D 7.2: Em 7
Federal supply catalog, Department of Defense section. [Issued with perforations.] † ● Item 314-B
- 14161 C9100-ML-CN-2. Management data list: Change notice 2, FSC group 91, Fuels, lubricants, oils and waxes. July 1, 1964. [2]+4 p. 4° (Defense Fuel Supply Center.) D 7.9: C 9100-ML/ch.2
Military handbook MIL-HDBK (series). ● Item 314-A D 7.6/2: (nos.)
- 14162 5. Metallic materials and elements for flight vehicular structures, Change notice 2 [with list of references]. Nov. 1, 1963 [published 1964]. [90] p. il. 4° (FSC 1500.) [Issued in loose-leaf form.] * Paper, 50c.
- 14163 17, pt. 1. Plastics for flight vehicles: pt. 1, Reinforced plastics, change notice 1 [with lists of references]. May 1, 1964. [98] p. il. 4° [Issued in loose-leaf form.] * Paper, 55c.

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 37

GOVERNMENT PUBLICATIONS

Military standard. [Issued in loose-leaf form]

- 14164 MIL-STD-726A. Packaging requirements code, Change notice 3. Dec. 31, 1963. [24] p. 4° * Paper, \$1.25 (including basic book and supplementary material issued irregularly for an indefinite period); 50c. additional for foreign mailing. D 7.10: 726A/ch.3

DEFENSE DOCUMENTATION CENTER, Defense Dept.

NOTE.—The Defense Documentation Center for Scientific and Technical Information (DDC) was chartered and began operation in June 1963. It assumed the functions of the Armed Services Technical Information Agency and additional functions resulting in an expanded service to the Defense research and development community.

- 14165 DDC supplement to Thesaurus of ASTIA descriptors, 2d edition. Apr. 1964. cover title, [1]+74 p. 4° †
L.C. card 63-60401 D 10.2: D 45/962/supp.
- 14166 Handbooks, report bibliography; [compiled by Elizabeth H. Hall]. Nov. 1962. v+124 p. 4° (Armed Services Technical Information Agency.) [Listing of handbooks, instruction manuals, textbooks, dictionaries, and encyclopedias cataloged by ASTIA, 1952-Nov. 1962.] † Paper, \$3.00 (AD 292750).
L.C. card 63-61443 D 10.9: H 19
- 14167 Laboratory-industrial cleaning techniques and materials; compiled by Thomas C. Goodwin and Owen D. Nichols. Aug. 1963. ii-iv+87 p. 4° † Paper, \$2.25 (AD-409323).
L.C. card 64-60337 D 10.9: C 58

ECONOMIC RESEARCH SERVICE, Agriculture Dept.

ERS (series). † A 93.21: (nos.)

- 14168 164. Farm vacation enterprises in Ohio [with list of additional sources of information by Jeanne M. Davis.] [May 1964.] iv+35 p. il. 4° (Resource Development Economics Division.) [Supersedes ERS-113, May 1963.]
L.C. card Agr 64-290
- 14169 168. Reclaiming and marketing cotton gin notes; [by Shelby H. Holder, jr., and Zolon M. Looney.] [May 1964.] ii+14 p. il. 4° (Marketing Economics Division.)
L.C. card Agr 64-291
- 14170 171. Great Lakes tart cherry industry, production costs; [by C. C. Dennis, B. A. Dominick, and B. W. Kelly.] [May 1964.] 24 p. [Prepared in cooperation with New York, Pennsylvania, and Michigan Agricultural Experiment Stations.]
L.C. card Agr 64-301
- 14171 180. Retail sales of broilers and meat as affected by price, display area, and newspaper advertising; [by Sidney E. Brown.] [May 1964.] 12 p. 4° (Marketing Economics Division.)
L.C. card Agr 64-329

ERS-foreign (series). †

- 14172 43. Supplement to Statistics on European Economic Community, v. 1, Agricultural trade and finance. [1964.] 77 p. 4° (Development and Trade Analysis Division.) [Includes Correction notice 1, Feb. 1963, and Correction notice 2, 1964.] ● Item 76-G
L.C. card 64-62127 A 93.21/2: 43/supp.

Foreign agricultural economic reports. ● Item 42-B A 93.27: (nos.)

- 14173 13. Soviet agriculture today, report of 1963 Agriculture Exchange Delegation. [Slightly revised June 1964.] [1964.] cover title, [2]+82 p. il. 4° [Text on p. 2 of cover.] * Paper, 45c.
- 14174 16. Trends and developments in Japan's economy affecting market for U.S. farm products, 1950-62 [with selected references; by Hughes H. Spurlock.] [May 1964.] cover title, viii+79 p. il. (Regional Analysis Division.) †
- 14175 Foreign gold & exchange reserves, current situation and long-term trends; by O. Halbert Goolsby. May 1964. 15 p. il. 4° (International Monetary Branch, Development and Trade Analysis Division.) [Issued semi-annually. Continues series formerly entitled Foreign gold and dollar reserves.] †
A 93.34: 964

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

AUGUST 1964

- 14176 U.S. foreign agricultural trade by commodities, calendar year 1963. June 1964. [2]+41 p. 4° [Supplement to Foreign agricultural trade of United States.] † ● Item 42-F
L.C. card 63-61826 A 93.17/8: 963

EDUCATION OFFICE, Health, Education, and Welfare Dept.

- 14177 Beginning teacher one year later, report of followup study; [by] J. Scott Hunter. [1964.] vi+50 p. 4° ([OE-23034.]) †
L.C. card HEW 64-83 FS 5.223: 23034
- 14178 Classroom facilities planning aids [with bibliography]; by E. Eugene Higgins, Mary B. Fuller, and Linda L. Wright. Mar. 1964. 16 p. 4° (OE-51004-7A; Division of Higher Education, College and university physical facilities series.) [Issued with perforations.] † FS 5.251: 51004-7A
- 14179 Clearinghouse Exchange of publications of State departments of education [secondary education personnel]. June 1964. 9 p. 4° †
L.C. card HEW 63-122 FS 5.10/6: 964
- 14180 CRP cooperative research projects, 7-year summary, July 1, 1956-June 30, 1963. [1964.] iv+75 p. 4° (OE-12018; Circular 736.) * Paper, 45c.
● Item 460-A-12
L.C. card HEW 64-81 FS 5.212: 12018
- 14181 Earned degrees by field of study and level projected to 1975; by Marie G. Fullam and Frances E. Ryan. [1964.] vi+32 p. (OE-54031; Bulletin 1964, no. 31.) [Text on p. 2 of cover.] * Paper, 20c. ● Item 460-A-54
L.C. card HEW 64-86 FS 5.254: 54031
- 14182 Educational data: Algeria [with list of selected references]; compiled by Anne N. Forrester in collaboration with Charles C. Hauch. Mar. 1964. 13+[1] p. 4° (OE-14034-74; Information on education around the world, no. 74, Division of International Studies and Services.) * Paper, 15c. ● Item 460-A-14
FS 5.214: 14034-74
- 14183 Educational Materials Laboratory report, v. 6, no. 1, Near East and north Africa; [compiled by Lois B. Watt and Alice M. Murdock]. Mar. 20, 1964. [6] p. 4° (OE-14031-29; International Studies and Services.) †
L.C. card 64-62139 FS 5.214: 14031-29
- 14184 Financing graduate education [with bibliography]; by Richard C. McKee. [1964.] [2]+17 p. narrow 8° (OE-55036.) * Paper, 15c. ● Item 460-A-55
FS 5.255: 55036
- 14185 Financing higher education; by Louis A. D'Amico, Leslie F. Robbins, and W. Robert Bokelman. Mar. 1964. 18 p. il. 4° (OE-52004-7; Division of Higher Education, College and university finance series.) [Issued with perforations.] †
FS 5.252: 52004-7
- 14186 Guide to research and informed judgment on grouping children [with list of selected references]. May 1964. 39 p. 4° (OE-20066, Education briefs, no. 40; Division of Elementary and Secondary Education, Instructional Programs Branch.) †
L.C. card 64-62130 FS 5.220: 20066
- 14187 Higher education in Poland: pt. 2, Rules of admissions, student activities, and curriculums [with selected references; by] Seymour M. Rosen and Nellie Apanasewicz. [1964.] viii+81 p. il. (OE-14099; Bulletin 1964, no. 22, [Studies in comparative education].) * Paper, 40c. ● Item 460-A-14
L.C. card HEW 63-42 FS 5.214: 14099
- 14188 Highway engineering aide, suggested training program [with some suggested texts and references]. [1964.] v+40 p. il. 4° (OE-87009; Manpower Development and Training Program.) * Paper, 35c.
● Item 460-A-87 FS 5.287: 87009

*For Sale by Superintendent of Documents
 ☿For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 14189 Language laboratory, how effective is it? [by Joseph C. Hutchinson]. [1964.] 24 p. il. oblong 32° (OE-27021.) * Paper, 15c. ● Item 460-A-27
FS 5.227 : 27021
- 14190 Library research in progress, no. 12; [Sarah R. Reed, editor, Margaret E. Dunleavy, assistant to editor]. Apr. 1964. 26 p. 4° (OE-15005-12; Library Services Branch.) †
L.C. card HEW 62-67
FS 5.215 : 15005-12
- 14191 National defense counseling and guidance training institutes program, policies and procedures, NDEA title 5(B): no. 1, manual for participating institutions. 3d revision. June 1964. cover title, 42 p. 4° (OE-25001C.) † ● Item 460-A-25
L.C. card HEW 64-88
FS 5.225 : 25001C
- 14192 Public elementary school approval and accreditation; by Stuart E. Dean. July 1964. 15 p. 4° (OE-23037, Education briefs no. 2; Division of Elementary and Secondary Education, Instructional Programs Branch, Elementary Schools Section.) †
FS 5.223 : 23037
- 14193 Publications related to elementary education. Revised May 1964. [1964.] 9 p. 4° (OE-20067; Selected references, no. 2; Division of Elementary and Secondary Education, Instructional Programs Branch, Elementary Schools Section.) †
L.C. card E 39-283
FS 5.220 : 20067
- 14194 Research on programed instruction, annotated bibliography; by Wilbur Schramm, Institute for Communication Research, Stanford University. [1964.] v+114 p. (OE-34034; Bulletin 1964, no. 35.) [Text on p. 2 of cover.] * Paper, 50c. ● Item 460-A-34
L.C. card HEW 64-80
FS 5.234 : 34034
- 14195 Salaries and student charges in land-grant colleges and State universities, 1963-64; by W. Robert Bokelman, Anna Jane Holbrook, and Estelle B. Aubrey. Apr. 1964. 9 p. 4° (OE-52004-13; Division of Higher Education, College and university finance series.) [Issued with perforations.] †
L.C. card HEW 62-100
FS 5.252 : 52004-13
- 14196 Science facilities planning aids [with bibliography]; by E. Eugene Higgins, Mary B. Fuller, and Linda L. Wright. Mar. 1964. 16 p. 4° (OE-51004-2A; Division of Higher Education, College and university physical facilities series.) [Issued with perforations.] † FS 5.251 : 51004-2A
- 14197 Selected references, Education briefs, and other materials related to elementary education. Revised May 1964. [1964.] 8 p. 4° (OE-20068; Selected references 8, Division of Elementary and Secondary Education, Instructional Programs Branch, Elementary School Section.) †
FS 5.220 : 20068
- 14198 Summary of offerings and enrollments in high school subjects, 1960-61, preliminary report; [by] Grace S. Wright. June 1964. 14 p. 4° (OE-24010.) † ● Item 460-A-24
FS 5.224 : 24010
- 14199 Teaching about United Nations in United States, Jan. 1, 1960-Dec. 31, 1963 [with lists of materials]. [1964.] vi+110 p. il. (OE-14038-63; Bulletin 1964, no. 25.) [Report of United States to United Nations Economic and Social Council in compliance with ECOSOC resolution 748 (29.) * Paper, 50c. ● Item 460-A-14
L.C. card E 56-141
FS 5.214 : 14038-63

EMPLOYMENT SECURITY BUREAU, Labor Dept.

- 14200 Merchandising your job talents. [1964.] cover title, [20] p. il. ([United States Employment Service.]) † ● Item 756-B
L 7.25/3 : J 57

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

ENGINEERS CORPS (Army), Defense Dept.

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by officers of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington 25, D.C., Attention Publications Office.

Army Engineer Research and Development Laboratories: Technical report TR (series).

- 14201 1757. Plastic fibrous reinforcement for portland cement; prepared by S. Goldfein. Oct. 29, 1963. iv+16 p. il. 4° (Task 1D024401A11402 (formerly 8S93-31-001-02).) ϕ Paper, 75c. (AD 427342). D 103.25/2: 1757

Cold Regions Research & Engineering Laboratory: Research reports.

D 103.33/3: (nos.)

- 14202 110. Reflection and transmission coefficients at interface ice-solid; by Hans Roethlisberger. May 1964. [2]+iv+17+[2] p. il. 4° †
 14203 113. Structural control of vertical variation of strength of sea and salt ice [with list of references]; by W. F. Weeks and A. Assur. Apr. 1964. [2]+iv+16+[2] p. il. 4° ([Department of Army Task 8X-27-001-03.]) †

Engineer manual EM (series). ● Item 338-A D 103.6/3: (nos.)

- 14204 1110-1-306. [Engineering and design: Pavement design for frost conditions], Change 2; June 15, 1964. [1964.] [10] p. il. 4° [Issued in loose-leaf form.] †
 14205 1110-2-2502. [Same: Retaining walls, May 29, 1961], Change 2; May 5, 1964. [1964.] [5] p. 4° [Issued in loose-leaf form.] †
 14206 1110-345-348. Same: Ammunition loading terminals. May 15, 1964. cover title, 18 p. il. 4° [Issued in loose-leaf form. Rescinds EM 1110-345-348, Apr. 25, 1960.] †

Ohio River Division Laboratories: Technical reports. (Army Engineer Division, Ohio River.) † D 103.38: (nos.)

- 14207 2-29. Protective coatings for concrete [with list of references and bibliography]; by W. L. Dolch. Sept. 1963. [3]+ii+52 leaves, 4°
 14208 2-30. Protection of reinforcing steel [with bibliography]; by L. E. Wood. Sept. 1963. [6]+36 leaves, 4°

- 14209 Saline River and tributaries, Ill., letter from chief of engineers, Army, submitting report in response to item in Flood control act; June 17, 1964. 1964. vi+3 p. 4° [Also issued as H. doc. 311, 88th Cong., 2d sess.] †
 ● Item 334-A D 103.22: Sa 3/964

Transportation series. ● Item 343

- 14210 3. Transportation lines on Great Lakes system, 1964; prepared by Board of Engineers for Rivers and Harbors. 1964. xi+86 p. oblong 8° * Paper, 60c. L.C. card 36-26222 D 103.10: 3/964

Waterways Experiment Station.

NOTE.—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (Price upon application).

— Technical memorandum.

- 14211 3-331. Forecasting trafficability of soils: report 7, Pilot study of soils subjected to freezing and thawing [with bibliography]; prepared by S. J. Knight and N. H. Smith. Army-MRC Vicksburg, Miss., June 1964. [2] leaves+vi+35+[43] p. il. 4° (Army Materiel Command, project 1-T-0-21701-A-046.) L.C. card 64-62154 D 103.24/2: 3-331/rp.7

— Technical reports.

D 103.24/2: (nos.)

- 14212 2-650. Stability of riprap and discharge characteristics, overflow embankments, Arkansas River, Ark., hydraulic model investigation; [prepared by N. J. Brogdon and J. L. Grace, jr.]. Army-MRC Vicksburg, Miss., June 1964. [4]+vi+19+[23] p. il. 48 pl. 4°
 14213 2-651. Operating forces on miter-type lock gates; [prepared by J. L. Grace, jr., T. E. Murphy, and F. R. Brown]. Army-MRS Vicksburg, Miss., June 1964. [4]+viii+[129] p. il. 4° L.C. card 64-62135
 14214 6-613. rp. 2. Evaluation of aluminum-coated wires as reinforcement for articulated concrete mattresses, supplementary comparative tests of stainless and copper-clad steel wires; [prepared by Leonard Pepper]. Army-MRC Vicksburg, Miss., May 1964. [5]+viii+13+[9] p. il. 4° [Conducted for President, Mississippi River Commission by lower Mississippi Valley Division, Materials and Concrete Laboratory.]

*For Sale by Superintendent of Documents

ϕFor Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

FAMILY SERVICES BUREAU, Health, Education, and Welfare Dept.

- 14215 Money payments to recipients of special types of public assistance, Oct. 1963; prepared by Trends and Interprogram Analysis Group, Division of Program Statistics and Analysis. May 1964. [16] p. 4° [Issued with perforations.] †
FS 14.202 : P 96/4/963
- [Public assistance information] PAI (series).
- 14216 2. Aid to the disabled: To help needy disabled to live with decency, self-respect, and independence. [1964.] [2] p. il. large 4°, folded into narrow 8° size.
* Paper, 10c. ● Item 519 FS 14.213/2 : 2
- 14217 Reasons for opening and closing public assistance cases, July-Dec. 1963. June 1964. [12] p. 4° (Division of Program Statistics and Analysis.) [Issued with perforations.] †
L.C. card HEW 62-39 FS 14.214 : 963-2
- 14218 Source of funds expended for public assistance payments, calendar year ended Dec. 31, 1963. May 6, 1964. [12] p. 4° (Division of Program Statistics and Analysis.) [Issued with perforations.] †
L.C. card HEW 64-85 FS 14.215 : 963
- 14219 What is your job in war disaster; by Frank M. Parcher, Emergency Welfare Services planning officer. [1964.] 22 p. 4° [Address to be delivered to American Dietetic Association 47th annual meeting, Portland, Oreg., July 27-31, 1964.] †
FS 14.216 : P 21

FARMER COOPERATIVE SERVICE, Agriculture Dept.

Information (series). ● Item 65-B

- 14220 4. List of publications; [compiled by Catherine E. Hardy]. [Revised July 1964.] [1964.] cover title, il+122 p. †
L.C. card 56-60089 A 89.15 : 4/5

FEDERAL AVIATION AGENCY

- 14221 Atlanta Terminal, ARTS advance radar traffic control system, facility training manual [with list of applicable documents]. 1st edition, Apr. 1964. [1964.] cover title, xvi+201+17+3 p. 31 pl. 4° [Issued with perforations.] † ● Item 431-C-4
L.C. card 64-61918 FAA 1.8 : R 11/5
- Civil air regulations amendments. C 31.209 : (nos.)
- 14222 4b-15. Airplane airworthiness, transport categories; 40-48, Scheduled interstate air carrier certification and operation rules; 41-13, Certification and operation rules for certificated route air carriers engaging in overseas and foreign air transportation and air transportation within Hawaii and Alaska; 42-12, Aircraft certification and operation rules for supplemental air carriers, commercial operators using large aircraft, and certificated route air carriers engaging in charter flights or other special services; 91, General operating and flight rules (new); 514, Technical standard orders for aircraft materials, parts, processes, and appliances; Installation of cockpit voice recorders in large airplanes used by air carrier or commercial operator; effective Sept. 2, 1964. June 26, 1964. 5 p. 4° [Also contains amendment 91-4 to pt. 91 of Federal aviation regulations and TSO-C84. Published in Federal register, July 3, 1964. Issued with perforations.] †
- 14223 40-48. See, above, 4b-15.
- 14224 41-13. See, above, 4b-15.
- 14225 42-12. See, above, 4b-15.
- FAA handbook. [Issued in loose-leaf form.] ● Item 431-C-4
- 14226 SM P 6320.2. Maintenance of precision approach radar (PAR) facilities [with list of references.]. May 8, 1964. cover title, [1]+v+99 p. il. 4° †
FAA 1.8/2 : SM P 6320.2
- Federal aviation regulations. [Issued in loose-leaf form.]
FAA 1.6/8 : (nos.)
- 14227 pt. 1. Definitions and abbreviations, Change 4, [effective] July 6, 1964. [1964.] [4]+4 p. 4° †

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 14228 pt. 43. Maintenance, preventive maintenance, rebuilding, and alteration, [adopted Apr. 15, 1964; effective July 6, 1964.] [1964.] cover title, [20] p. 4° * Paper, 20c. ● Item 431-C-13
- 14229 pt. 93. Special air traffic rules and airport traffic patterns, Change 4; [effective] Apr. 21, 1964. [1964.] [6] p. 4° †
- 14230 pt. 145. Repair stations, Change 2 [effective] July 6, 1964. [1964.] [6] p. 4° †
- 14231 [This entry number not used.]

FEDERAL BUREAU OF INVESTIGATION, Justice Dept.

- 14232 Uniform crime reports for United States, printed annually, 1963. [1964.] ix+170 p. il. [Advisory, Committee on Uniform Crime Records, International Association of Chiefs of Police. Title on cover is: Crime in United States, uniform crime reports, 1963.] † ● Item 722
L.C. card 30-27005 J 1.14/7: 963

FEDERAL COMMUNICATIONS COMMISSION

- 14233 Television, divided or united, some problems in television growth, address by Frederick W. Ford, Commissioner, Federal Communications Commission, before 13th annual convention of National Community Television Association, Philadelphia, Pa., June 18, 1964. [1964.] 15 p. 4° (53017.) †
CC 1.15: F 75/10

FEDERAL CREDIT UNIONS BUREAU, Health, Education, and Welfare Dept.

- 14234 Federal credit unions. [1964.] [8] p. il. narrow, 12° ([Form FCU 532C.]) * Paper, \$3.00 per 100; single copy, 5c. ● Item 526
FS 3.302: F 31/2/964
- 14235 1963 report of operations, Federal credit unions. [1964.] cover title, iv+31 p. il. 4° [Text and map on p. 2 and 4 of cover.] †
L.C. card 51-23782 FS 3.301: 963

FEDERAL EXTENSION SERVICE, Agriculture Dept.

- 14236 Economic studies pertaining to processing plant feasibility, partial bibliography; compiled by Dana G. Dalrymple. Oct. 1963 [slightly revised Dec. 1963]. [1964.] cover title, [2]+21 leaves, 4° (Mimeo D-6: Division of Marketing and Utilization Sciences.) † A 43.34/2: P 94
[Extension Service Circular] ESC (series).
- 14237 557. Working with low-income rural families, for extension agents and specialists [with bibliography; by Bryan Phifer]. June 1964. [2]+44 p. il. 4° [prepared in cooperation with land-grant Colleges and Universities.] †
● Item 59-A
L.C. card Agr 64-368 A 43.4: 557

FEDERAL HOME LOAN BANK BOARD

- 14238 Statement of Federal Home Loan Bank Board on inquiry into mortgage insurance companies. June 26, 1964. cover title, 27 leaves, 4° †
FHL 1.2: In 7/3
- 14239 Today and tomorrow, decisions for management and system, by Joseph P. McMurray, chairman of Federal Home Loan Bank Board, at 77th annual convention of Michigan Savings and Loan League, Mackinac Island, Mich., July 13, 1964. [1964.] 16 p. 4° †
FHL 1.23: M 22/37

*For Sale by Superintendent of Documents
‡For Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

FEDERAL HOUSING ADMINISTRATION, Housing and Home
Finance Agency

- 14240 Causes and prevention of failure of septic-tank percolation systems [with list of references; by P. H. McGahey and John H. Winneberger]. Apr. 1964. cover title, [1]+vii+66 p. il. 4° (FHA 533; Technical studies report.) [Report prepared for Technical studies program.] †
L.C. card 64-62144 IIIH 2.23: Se 6
- 14241 FHA data for selected housing areas, supplemental report on quarterly trends, characteristics of home mortgage transactions insured by FHA under sec. 203, 4th quarter 1963. [June 29, 1964.] 4 p. 4° (RR:250-M; [Division of Research and Statistics, Statistics Section].) [Issued with perforations.] †
HH 2.24/3: 963/2
- 14242 FHA data for States, supplemental report on quarterly trends, characteristics of home mortgage transactions insured by FHA under sec. 203, 4th quarter 1963. [June 29, 1964.] 4 p. 4° (RR: 250-8; [Division of Research and Statistics, Statistics Section].) [Issued with perforation.] †
HH 2.24/2: 963/2
- 14243 FHA regulations: [Home mortgage insurance amendments to sec. 220, 233, and 234]. [1964.] [10] p. ([FHA 3000-29.]) [Includes home regulations transmittal 29, Apr. 20, 1964. Issued in loose-leaf form.] †
HH 2.6: M 84/7/trans.29
- 14244 — [Project insurance amendments to sec. 207, 213, 220, 221, and 232]. [1964.] [76] p. ([FHA 4000-23.]) [Includes project transmittal memorandum 23, Mar. 24, 1964. Issued in loose-leaf form.] †
HH 2.6: M 84/6/trans.23
- 14245 — [Project mortgage insurance amendments to sec. 207, 220, 221, 231, and 233]. [1964.] [10] p. ([FHA 4000-24.]) [Includes project transmittal memorandum 24, Apr. 20, 1964. Issued in loose-leaf form.] †
HH 2.6: M 84/6/trans.24

FEDERAL POWER COMMISSION

National electric rate book, rate schedules for electric service in communities of 2,500 population or more, residential, commercial, and industrial services. [Issued with perforations.]

NOTE.—The complete rate book is made up of separate publications, each representing a State. They are sold on subscription basis by the Superintendent of Documents, \$8.00 a year, \$3.00 additional for foreign mailing; single copy, 25c.

- 14246 National electric rate book: California. Apr. 1964. [2]+30 p. 4° [Supersedes issue of Oct. 1963.] ● Item 437-A-4
FP 1.18: C 12/964
- 14247 — Illinois. June 1964. [2]+32 p. 4° [Supersedes issue of June 1963.]
● Item 437-A-11
FP 1.18: Ie 6/964
- 14248 — Kentucky. June 1964. [2]+14 p. 4° [Supersedes issue of Nov. 1963.]
● Item 437-A-15
FP 1.18: K 41/964
- 14249 — North Carolina. June 1964. [2]+25 p. 4° [Supersedes issue of June 1963.] ● Item 437-A-31
FP 1.18: N 81c/964
- 14250 — Pennsylvania. May 1964. [2]+32 p. 4° [Supersedes Issue of Aug. 1963.] ● Item 437-A-36
FP 1.18: P 38/964
- 14251 — Wisconsin. June 1964. [2]+32 p. 4° [Supersedes issue of Aug. 1963.] ● Item 437-A-47
FP 1.18: W 75/964
- 14252 Publication list, June 1964. [1964.] [2] p. 4° †
FP 1.26: 964-2
- 14253 Regulations under Natural gas act, Aug. 1, 1962 [revised pages]; May 13, 1964. [1964.] [52] p. [Includes transmittal sheet 2. Issued in loose-leaf form.] *Paper, \$1.25 (including basic book and supplements issued irregularly for an indefinite period); 50c. additional for foreign mailing. ● Item 439
FP 1.7: G 21/3/962/trans.2

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

FEDERAL REGISTER OFFICER, General Services Administration

- 14254 Public papers of Presidents of United States: Harry S. Truman, containing public messages, speeches, and statements of the President, Jan. 1-Dec. 31, 1948. 1964. xxxiii+[1]+1079 p. 1 por. large 8° * Cloth, \$9.75.
● Item 574-A
L.C. card 58-61050 GS 4.113: 948
- 14255 Supplement to Code of Federal regulations: title 46, Shipping, pts. 146-149, supplement as of July 1, 1964. [1964.] cover title, iv+307 p. * Paper, 75c. ● Item 572
L.C. card 49-46198 GS 4.108: 46/pt.146-149/supp.964-1
- 14256 United States Government organization manual 1964-65, revised June 1, 1964. [1964.] viii+783 p. il. [Includes Constitution of United States with amendments. Erratum, 1 p. oblong 48°, issued also.] * Paper, \$1.75.
● Item 577
L.C. card 35-26025 GS 4.109: 964

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS

- 14257 Revision of money supply series. [1964.] p. 679-692, 4° [Reprinted from Federal reserve bulletin, June 1964.] † FR 1.3/a: M 746/24

FEDERAL SAFETY COUNCIL, Labor Dept.

- 14258 Progress report, Federal Safety Council, 1963. [1964.] cover title, [2]+9 p. il. oblong 8° † ● Item 762-E
L.C. card 164-82 L 30.1: 963

FEDERAL SUPPLY SERVICE, General Services Administration

- 14259 Federal specifications. ● Item 563 GS 2.8:

NOTE.—These specifications are now so completely covered by the Index of Federal specifications, standards, and handbooks with cumulative monthly supplements, that listing in the Monthly Catalog of United States Government Publications represents unnecessary and wasteful duplication of effort. For that reason they will no longer be listed.

Complete information on the Index of Federal specifications will be found in the Appendix to the February 1964 issue of the Monthly Catalog under Entry number 3585 and in the April 1964 issue under Entry number 6693.

Federal standards. [Issued with perforations.] ● Item 563

NOTE.—Federal standards may be purchased from the General Services Administration, Business Service Center, Region 3, 7th and D Streets SW., Washington, D.C., 20407. All checks and money orders should be made payable to the Treasurer of the United States. Single copies are available without charge at the nearest GSA regional office.

- 14260 194. Ribbon, typewriter, record, amdt. 2; May 6, 1964. 1964. 1 p. 4° (FSC 7510.) [Supersedes Interim amendment 1, Dec. 27, 1963.] †
GS 2.8/3: 194/amdt.2

FEDERAL TRADE COMMISSION

- 14261 Trade practice rules for braided rug industry; promulgated June 23, 1964. [1964.] [2]+4 p. ([FTC L-4966.]) † FT 1.16: R 84

FISH AND WILDLIFE SERVICE, Interior Dept.

- 14262 Annual report of commissioner, Fish and Wildlife service to Secretary of Interior [fiscal year 1963.] [1964.] iv+281-348 p. il. [Reprinted from 1963 annual report of Secretary of Interior, fiscal year 1963.] †
L.C. card 42-37746 I 49.1: 963

C.F.S. (series). (Bureau of Commercial Fisheries.) † I 49.8/2: (nos.)

- 14263 3502. Georgia landings, 1963, annual summary. [1964.] 9 p. il. 4° [Prepared in cooperation with Georgia State Game and Fish Commission, Atlanta, Ga., 30300.]
- 14264 3508. Massachusetts landings by ports, 1963, annual summary. [1964.] 14 p. il. 4°
- 14265 3517. Fish meal and oil, 1963, annual summary. [1964.] 4 p. il. 4°
- 14266 3532. Manufactured fishery products, 1962, annual summary. [June 1964.] 8 p. il. 4°

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- Commercial fisheries review, separates. † I 49.10/a: (nos.)
- 14267 695. Electromechanical fishing and counting fence used in Ireland [with list of literature cited; by] Julius Rockwell, jr. [1964.] 6 p. il. 4° [From v. 23, no. 12, Dec. 1963.]
- 14268 696. Scope ratio-depth relationships for beam trawl, shrimp trawl, and otter trawl [with list of literature cited]; by Walter T. Pereyra. Dec. 1963. p. 7-10. il. 4° [From v. 25, no. 12.]
- 14269 698. Mechanizing blue crab industry, pt. 3, Strengthening industry's economic position [with list of literature cited]; by Charles F. Lee, George M. Knobl, jr., and Emmett F. Deady. [1964.] 7 p. 4° [From v. 26, no. 1, Jan. 1964.]
- 14270 699. Foreign fisheries briefs; [abstracted and compiled by Bureau of Commercial Fisheries, Branch of Foreign Fisheries and Trade]. [1964.] 1 p. 4° [From v. 26, no. 1, Jan. 1964.]
- 14271 700. Utilization of U.S. otter-trawl shrimp vessels in Gulf of Mexico, 1959-61; by Roy L. Lassiter, jr. [1964.] 6 p. il. 4° [From v. 26, no. 2, Feb. 1964.]
- 14272 701. Gulf of Alaska scallop explorations, 1963 [with list of literature cited]; by Warren F. Rathjen and Joaquim B. Rivers. [1964.] 7 p. il. 4° [From v. 26, no. 3, Mar. 1964.]
- 14273 702. Lake Erie fisheries explorations, May-Nov. 1960 [with list of literature cited]; by Ira A. Carr. [1964.] 8+[9] p. il. 4° [From v. 26, no. 4, Apr. 1964.]
- Conservation note. †
- 14274 9. America's rare sea mammals; [prepared in Office of Information]. [June 1962.] [8] p. il. 4° I 49.36/2:9
- 14275 Decoy trap for blackbirds and starlings. [May 1964.] 4 p. 3 pl. 4° (Bureau of Sport Fisheries and Wildlife, Section of Animal Depredations Control Studies, Patuxent Wildlife Research Center, Laurel, Md.) † I 49.2: B 56/2
- Fishery leaflets. † I 49.28: (nos.)
- 14276 403. Fish and wildlife regulations for District of Columbia. Revised Jan. 1960. [1960.] 4 p. 4° (Bureau of Sport Fisheries and Wildlife Branch of Fish Hatcheries.)
- 14277 558. Index of publications by Branch of Technology, Bureau of Commercial Fisheries, 1955-59 inclusive; by F. Bruce Sanford and Helen F. Plastino. Apr. 1964. [1]+iv+38 p. 4° (Bureau of Commercial Fisheries.)
- Refuge leaflets. I 49.44: (nos.)
- 14278 1-A. National wildlife refuge system. [1964.] 4 p. il. 4° (Bureau of Sport Fisheries and Wildlife.) * Paper, 5c. ● Item 612-C
- 14279 109. Birds of Wichita Mountains Wildlife Refuge. [Mar. 1954, revised Mar. 1964.] [1964.] 4 p. 4° †
- 14280 301. Mammals of Malheur National Wildlife Refuge. [Revised edition.] [Mar. 1964.] 4 p. il. 4° †
- 14281 Report of Bureau of Commercial Fisheries for calendar year 1962. [1964.] iii+98 p. il. † ● Item 613-A
L.C. card 62-61454 I 49.1/2: 962
- Research report. ● Item 614
- 14282 63. Sea-water systems for experimental aquariums, collection of papers [with bibliographies]; edited by John R. Clark and Roberta L. Clark. [1964.] vi+192 p. il. 4° ([Bureau of Sport Fisheries and Wildlife.]) * Paper, \$1.25.
L.C. card 64-62067 I 49.26: 63
- Special scientific report: Fisheries (series). †
- 14283 466. Ecology of Gulf of Mexico commercial sponges and its relation to fishery [with list of literature cited]; by John F. Storr. Mar. 1964. iv+73 p. il. 4° (Bureau of Commercial Fisheries.) [Contribution 192 from Marine Laboratory, Institute of Marine Science, University of Miami.] I 49.15/2: 466
- Wildlife leaflets. † I 49.13: (nos.)
- 14284 458. Improved nest structures for wood ducks [with list of references]; by Clark G. Webster and Francis M. Uhler. Mar. 1964. 20 p. il. 4° (Bureau of Sport Fisheries and Wildlife.) [Revision of WL-393, Jan. 1958, Better nest boxes for wood ducks.]
- 14285 459. Public use of national wildlife refuges, 1963. [May 1964.] 6 p. 4° [Bureau of Sport Fisheries and Wildlife.]

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

FOOD AND DRUG ADMINISTRATION, Health, Education, and
Welfare Dept.

FDA publication.

- 14286 24. Veterinarian and FDA, guardians of animal health. [June 1964.] [6] p.
il. narrow 12° † ● Item 475-A FS 13.111: 21
- 14287 Federal food, drug, and cosmetic act, as amended, and General regulations
for its enforcement, title 21, pt. 1 [revised pages; Jan. 1964.] [1964.]
[5] p. 4° [Issued in loose-leaf form.] † ● Item 475-B
FS 13.105: F 73/963-2/revised pages

FOREIGN AGRICULTURAL SERVICE, Agriculture Dept.

[Foreign Agricultural Service, miscellaneous], FAS-M (series).†

- A 67.26: (nos.)
- 14288 3. Survey of Mexican winter vegetable production; by A. Clinton Cook. [Re-
vised edition.] June 1964. [4]+11 p. il. 4° ● Item 76-G
- 14289 71. How U.S. cotton is sold for export; [by Guy A. W. Schilling]. Revised
June 1964. [1964.] iv+51 p. 4° ● Item 76-G
L.C. card Agr 64-339
- 14290 142. U.S. grain exports under Government programs, 1962-63, wheat and flour,
coarse grains, rice. [Revised] May 1964. [1964.] 15 p. 4°
L.C. card 63-2749
- 14291 157. Tobacco production and marketing in Southern Rhodesia, Northern Rhodesia,
and Nyasaland; [by Albert B. Davis]. June 1964. [3]+32 p. il. 4° †
L.C. card Agr 64-359
- 14292 160. Cotton in Iran; [by Jimmy D. Minyard]. June 1964. [2]+21 p. il. 4°
L.C. card Agr 64-340
- 14293 Report of United States Government to Food and Agriculture Organiza-
tion of United Nations, 1961-63, under art. 11 of FAO constitution; pre-
pared under auspices of U.S. FAO Interagency Committee. v+95 p. 4°
[Title on cover is U.S. report to FAO under art. 11 of FAO constitution,
1961-63.] † ● Item 76-H
L.C. card 50-60924 A 67.35: 961-63

FOREIGN-TRADE ZONES BOARD

- 14294 25th annual report of Foreign-Trade Zones Board to Congress, fiscal year
1963. [1964.] iv+51 p. il. * Paper, 25c. ● Item 542 FTZ 1.1: 963

FOREST SERVICE, Agriculture Dept.

- 14295 Annual report, 1963, Northeastern Forest Experiment Station. [1964.]
cover title, [1]+110 p. il. †
L.C. card 53-61877 A 13.42/1: 963
- 14296 Annual report, 1963, Pacific Southwest Forest and Range Experiment
Station [with lists of publications]. [1964.] cover title, [3]+52 p. il.
4° †
L.C. card 53-60443 A 13.62/1: 963
- 14297 Cooperation in forestry, 1962 yearbook, Department of Agriculture, Forest
Service, Intermountain Region, National Forest Administration, State
foresters groups & individuals. [1964.] cover title, [1]+27 p. il. [Text
on p. 2 of cover.] † A 13.57: 962
Forest pest leaflets. ● Item 82-A A 13.52: (nos.)
- 14298 29. Oak wilt [with list of references]; by Marvin E. Fowler. July 1958,
slightly [revised] Apr. 1964. [1964.] 7 p. il. †
- 14299 85. Walnut anthracnose [with one reference]; by Frederick H. Berry. July 1964.
4 p. il. †
- 14300 86. Douglas-fir tussock moth [with list of references]; by Harold R. Dodge and
Galen C. Trostle. June 1964. 7 p. il. †
L.C. card Agr 64-360
- 14301 Land of hardwoods, 1963 annual report, Central States Forest Experiment
Station. [1964.] cover title, [2]+19 p. il. 4 †
L.C. card 53-33228 A 13.68/1: 963

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 14302 National forest log scaling handbook. [1964.] vii+193 p. il. narrow 12° (FSH 2443.71.) * Fabrikoid, \$1.75. ● Item 86-C A 13.36/2: L 82
- 14303 1963 at Southern Forest Experiment Station. 1964. cover title, [1]+ii+71 p. il. 4° [Page 71 printed on inside of back cover.] † A 13.66/2: F 51/963
L.C. card 45-36584
- 14304 1963 fire season in Pacific Northwest; by Owen P. Cramer. Apr. 1964. [2]+9 p. il. 4° (Pacific Northwest Forest and Range Experiment Station.) † A 13.40/1: 963
- 14305 1963 research at Southeastern Forest Experiment Station [with list of publications by members of staff including cooperators, calendar year 1963]. [1963.] cover title, [2]+74 p. il. 4° (Southeastern Forest Experiment Station, Asheville, N.C.) † A 13.63/2: R 31
L.C. card 64-61511
- 14306 Pocket guide to improved grading system for ponderosa pine and sugar pine saw logs in trees; by Edward M. Gaines; with illustrations by John H. Keeling. 1964. [1]+52 p. il. narrow 12° (Pacific Southwest Forest and Range Experiment Station, Berkeley, Calif.) † A 13.62/12: G 75/2
- 14307 Primary wood industries of Kentucky, utilization summary and directory. Apr. 1964. cover title, [2]+66 p. il. 4° (Central States Forest Experiment Station.) [Prepared in cooperation with Division of Forestry, Kentucky Department of Natural Resources.] † A 13.68/2: K 41
L.C. card 64-62121
- Research note CS-(series). (Central States Forest Experiment Station, Columbus, Ohio.)
- 14308 CS-19. Burning does not control young hardwoods on shortleaf pine sites in Cumberland Plateau; [by Malcolm J. Williamson]. July 1964. 4 p. il. † A 13.79: C8-19
- Research note FPL-(series). (Forest Products Laboratory, Madison, Wis.) † A 13.79: FPL-(nos.)
- 14309 FPL-02. Comparison of wood preservatives in stake tests (1964 progress report); [by J. Oscar Blew, jr.]. Apr. 1964. cover title, 10+[53] p. 4°
L.C. card 64-62132
- 14310 FPL-029. Some aspects of sawing accuracy in circular mills; [by Hiram Hallock and Edward Jaeger]. Mar. 1964. cover title, [23] p. il. 4°
- 14311 FPL-035. Overlays for lumber, old product in new dress [with list of literature cited; by H. O. Fleischer and B. G. Heebink]. Apr. 1964. cover title, [13] p. il. 4°
- 14312 FPL-039. Identification of oak woods. Mar. 1964. 2 p. il. 4° [Reprint of Technical note 125 of Forest Products Laboratory, issued Feb. 1921 and reissued Apr. 1961.]
- 14313 FPL-041. Wood for use in bulk storage structures [with list of literature cited; by Lyman W. Wood]. Mar. 1964. cover title, 12+[5] p. il. 4° [Revision of presentation made at 1962 winter meeting of American Society of Agricultural Engineers, Chicago, Ill., Dec. 11-14.]
- 14314 FPL-045. Board materials from wood residues; by Wayne C. Lewis. Apr. 1964. 10 p. 4°
- 14315 FPL-047. Uses of sawdust and shavings. Apr. 1964. 5+[4] p. 4° [Reprint of Report 1666-1 of Forest Products Laboratory, issued 1947 and revised 1961.]
- 14316 FPL-050. Control of conditions in gluing with protein and starch glues. Apr. 1964. 6+[6] p. il. 4° [Reprint of Forest Products Laboratory report 1340, revised Apr. 1950.]
- Research note INT (series). (Intermountain Forest & Range Experiment Station, Ogden, Utah.) † A 13.70: INT-(nos.)
- 14317 INT-14. Dwarfmistletoe survey in western Montana; [by] Donald P. Graham. 1964. 7 p. il. 4°
- 14318 INT-15. What do you mean, site preparation? [with list of literature cited; by] James D. Curtis. 1964. 8 p. 4°
- 14319 INT-16. Regeneration of lodgepole pine, study of slash disposal and cone opening; [by] James E. Lotan. 1964. 4 p. il. 4°
- 14320 INT-20. Forest area and timber volume in western South Dakota, [by] A. P. Caporaso. 1964. 4 p. il. 4°

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- Research note NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) † A 13.79: NE-(nos.)
- 14321 NE-19. Second-year results of hybrid poplar test plantings on bituminous strip-mine spoils in Pennsylvania; [by Grant Davis]. 1964. 7 p.
- 14322 NE-20. Evaluation of trough-type rain gage [with list of literature cited; by Irvin C. Reigner]. 4 p.
- Research note PSW (series). (Pacific Southwest Forest and Range Experiment Station, Berkeley, Calif.) † A 13.70: PSW-(nos.)
- 14323 PSW-28. Instant octal accounting, byproduct of forest growth studies; by L. R. Grosenbaugh. 1963. 23 p. il. 4°
- 14324 PSW-37. Tests wind machine as aid to burning slash; [by] Harry Schimke. 1963. 5 p. il. 4°
- Research note RM-(series). (Rocky Mountain Forest and Range Experiment Station.) † A 13.79: RM-(nos.)
- 14325 RM-19. Specific gravity of Arizona Gambel Oak; [by] Roland L. Barger and Peter F. Frolliott. Apr. 1964. 2 p. 4°
- 14326 RM-20. Root development of ponderosa pine transplants at Lincoln, Nebr.; [by] Charles E. Boldt and Teja Singh. Apr. 1964. 4 p. il. 4°
- Research note SO-(series). (Southern Forest Experiment Station, New Orleans, La.)
- 14327 SO-5. Two H-C furrow seeders; [by] Thomas C. Croker, jr. 1964. 4 p. il. 4°
A 13.79: SO-5
- Research note WO-(series). (Department of Agriculture, Washington, D.C.) † A 13.79: WO-(nos.)
- 14328 WO-3. Two plot transfer devices developed for aerial photographic forest insect trend surveys; by R. C. Aldrich. Mar. 1964. 8 p. il.
- 14329 WO-4. DDT and DDE residues in soil at Beltsville, Md., aerial test circle in 1963 [with reference cited]; by A. D. Moore. Mar. 1964. 3 p.
- Research paper NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) †
- 14330 NE-19. Evaluating and scheduling white-pine weevil control in northeast [with list of literature cited]; by Robert Marty and D. Gordon Mott. [1964.] cover title, [1]+56 p. il. [Abstract cards inserted.]
L.C. card 64-62152 A 13.78: NE-19
- Research paper PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Ore.) †
- 14331 PNW-9. Mergers and economic concentration in Douglas-fir lumber industry [with list of literature cited]; by Walter J. Mead. Feb. 1964. [1]+vi+81 p. il. [Abstract cards inserted.]
L.C. card 64-62137 A 13.78: PNW-9
- Research paper SE-(series). (Southeastern Forest Experiment Station, Asheville, N.C.)
- 14332 SE-8. Rainfall interception by hardwood forest litter in southern Appalachians [with list of literature cited]; by J. D. Helvey. [Feb. 1964.] cover title, 8 p. il. 4° [Text on p. 2-3 of cover. Abstract cards inserted.] †
A 13.78: SE-8
- Research paper WO-(series). (Department of Agriculture, Washington, D.C.) †
- 14333 WO-2. Studies on life history of Virginia pine sawfly (*Neodiprion pratti* Dyar) [with list of literature cited; by Charles H. Schaefer]. Apr. 1964. cover title, 8+[1] p. il. 4° (Forest Insect Laboratory, Beltsville, Md.)
A 13.78: WO-2
- 14334 Story of Jefferson National Forest. [1964.] cover title, 28 p. il. 4° Eastern Region.) [Text on p. 2 and 3 of cover.] †
L.C. card Agr 64-333 A 13.13: J 35/2
- 14335 Tree planters' notes for planters of forests and shelterbelts and for nurserymen, no. 65 [with lists of literature cited]. Apr. 1964. [2]+31+[1] p. il. 4° [Issued with perforations.] †
A 13.51: 65

GENERAL SERVICES ADMINISTRATION

- 14336 GSA management intern program, GSA handbook. Dec. 2, 1963. cover title, [27] p. 4° (OFA P 3830.2.) [Issued with perforations.] †
GS 1.6/6: M 31

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

GEOLOGICAL SURVEY, Interior Dept.

- Bulletins. ● Item 620 I 19.4: (nos.)
- 14337 1147-F. Geology and uranium deposits at Crooks Gap, Fremont County, Wyo. [with list of references cited], by James G. Stephens; with section on Gravity and seismic studies in Crooks Gap area, by Don L. Healey. 1964. vi+82 p. ll. and portfolio of 11 pl. [Prepared on behalf of Atomic Energy Commission. Contributions to geology of uranium.] * Paper, \$3.50.
- 14338 1181-E. Fossils in Ordovician tuffs, northeastern Maine [with list of references], by Robert B. Neuman; with section on Trilobites, by Harry B. Whittington. 1964. iii+33+[2] p. ll. 7 pl. [Description of sequence of volcanic rocks in Maine and brachiopods, trilobites, and other fossils in these rocks. Contributions to general geology.] * Paper, 30c.
- 14339 1181-I. Stratigraphic reconnaissance of Matanuska formation in Matanuska Valley, Alaska [with list of references cited]; by Arthur Grantz. 1964. iv+33 p. ll. [Matanuska formation in its type area, its character, age, and stratigraphic rank. Contributions to general geology.] * Paper, 20c.
- Professional papers. ● Item 624 I 19.16: (nos.)
- 14340 403-D. Petrology of limestones of Guam [with list of references cited], by Seymour O. Schlanger; with section on Petrography of insoluble residues, by J. C. Hathaway and Dorothy Carroll. 1964. iv+52+[2] p. ll. 21 pl. 4° [Field and laboratory study of reef-associated limestones of Pleistocene and Tertiary age. Geology and hydrology of Guam, Mariana Islands.] * Paper, \$1.00.
- 14341 415. Geology and mineral deposits of Thomas and Dugway ranges, Juab and Tooele Counties, Utah [with list of references cited]; by Mortimer H. Staatz and Wilfred J. Carr. 1964. vi+188+[1] p. ll. 9 pl. in pocket. [Prepared on behalf of Atomic Energy Commission. Some plates are colored.] * Paper, \$3.00.
L. C. card GS 64-302
- 14342 429-B. Ecology of benthonic species [with list of references]; by Patsy B. Smith. 1964. iv+55+[15] p. ll. 7 pl., 1 in pocket, 4° [Discussion of depth distribution of Foraminifera and ecologic factors of El Salvador, including comparison with other Pacific coast areas. Recent Foraminifera off Central America. Includes title page and contents to Professional paper 429.] * Paper, \$1.00.
- 14343 440-L. Data of geochemistry, 6th edition, Michael Fleischer, technical editor; chap. L, Phase-equilibrium relations of common rock-forming oxides except water [with list of references]; by George W. Morey. 1964. ix+159 p. ll. 4° [Discussion of melting relations of common rock-forming oxides and binary, ternary, quaternary, and quinary systems formed by them.] * Paper, \$1.25.
- 14344 454-L. Stratigraphy of Niobrara formation at Pueblo, Colo. [with list of references cited]; by Glenn R. Scott and William A. Cobban. 1964. iii+30+[2] p. ll. 11 pl. 4° [Report of informal subdivision and faunal zonation of Niobrara formation. Shorter contributions to general geology.] * Paper, 55c.
- 14345 474-D. 1961 eruption of Kilauea Volcano, Hawaii [with list of references cited]; by D. H. Richter [and others]. 1964. iii+34 p. ll. 4° [Detailed account of 3 summit eruptions and 1 flank eruption that occurred during 1961 and accompanying tumescence, seismic activity, and active faulting. Shorter contributions to general geology.] * Paper, 35c.
- 14346 497-B. Removal of water and rearrangement of particles during compaction of clayey sediments, review [with list of references]; by Robert H. Meade. 1964. iv+23 p. ll. 4° [Review of pertinent literature on factors influencing water content and clay-particle fabric of clayey sediments under increasing overburden pressures. Mechanics of of aquifer systems.] * Paper, 25c.
- 14347 501[-B]. Geological Survey research 1964: Chap. B [short papers, with lists of references]. 1964. vi+191 p. ll. 4° [Scientific notes and summaries of investigations prepared by members of Geologic and Water Resources Divisions in fields of geology, hydrology, and related sciences.] * Paper, \$2.00.
L.C. card GS 60-286

Water-supply papers. ● Item 625

I 19.13: (nos.)

- 14348 1653. Ground-water resources of lower Rio Grande Valley area, Tex. [with selected bibliography]; by Roger C. Baker and O. C. Dale. 1964. v+56+[1] p. ll. 5 pl. in pocket. [Prepared in cooperation with Texas Board of Water Engineers and Lower Rio Grande Valley Chamber of Commerce.] * Paper, \$1.75.
L.C. card GS 64-297

*For Sale by Superintendent of Documents
‡Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed In Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 14349 1696-B. Determination of radium in water [with list of references cited]; by F. B. Barker and J. O. Johnson. 1964. iii+29 p. il. [Radiochemical analysis of water.] * Paper, 30c.
- 14350 1700. Geochemistry of natural waters of Blue Grass Region, Ky. [with list of selected references]; by G. E. Hendrickson and R. A. Krieger. 1964. vii+136 p. il. 9 pl. in pocket. [Prepared in cooperation with Department of Economic Development of Kentucky and Kentucky Geological Survey. One plate is colored.] * Paper, \$1.50.
- 14351 1721. Compilation of records of surface waters of United States, Oct. 1950-Sept. 1960: pt. 1A, North Atlantic slope basins, Maine to Connecticut; [prepared in Water Resources Division]. 1964. x+317 p. il. 1 pl. in pocket. * Paper, \$1.75.
L.C. card GS 64-191
- 14352 1722. Same: pt. 1-B, North Atlantic slope basins, New York to York River; [prepared in Water Resources Division]. 1964. xiii+578 p. il. 1 pl. in pocket. * Paper, \$4.00.
L.C. card GS 64-191
- 14353 1729. Same: pt. 6-A, Missouri River basin above Sioux City, Iowa; [prepared in Water Resources Division]. 1964. xii+507 p. il. 1 pl. in pocket. * Paper, \$2.25.
L.C. card GS 64-191
- 14354 1736. Same: pt. 12, Pacific slope basins in Washington and upper Columbia River basin; [prepared in Water Resources Division]. 1964. xii+415 p. il. 1 pl. in pocket. * Paper, \$2.25.
L.C. card GS 64-191
- 14355 1739. Compilation of records of surface waters of Hawaii, July 1950-June 1960; [prepared in Water Resources Division]. 1964. vii+136 p. il. 5 pl. in pocket. * Paper, \$1.75.
L.C. card GS 64-299
- 14356 1779-P. Geology and ground water of Luke area, Maricopa County, Ariz. [with list of references cited]; by R. S. Stulik and F. R. Twenter. 1964. iv+30 p. il. 6 pl. in pocket. [Prepared in cooperation with Army Corps of Engineers and Air Force. Contributions to hydrology of United States.] * Paper, \$1.00.
- 14357 1779-AA. Stream hydrology related to optimum discharge for king salmon spawning in northern California Coast Ranges [with list of references cited]; by S. E. Rantz. 1964. iii+16 p. il. [Prepared in cooperation with California Department of Fish and Game. Contributions to hydrology of United States.] * Paper, 15c.

HEALTH, EDUCATION, AND WELFARE DEPARTMENT

- 14358 Implementation of mental retardation programs; prepared by Secretary's Committee on Mental Retardation at request of the President. June 30, 1964. vii+98 p. il. 4° * Paper, 55c. ● Item 445.
L.C. card 64-62077 FS 1.2: M 52/5

IMMIGRATION AND NATURALIZATION SERVICE, Justice Dept.

- 14359 Citizenship Day and Constitution Week bulletin, Sept. 17, 1964. [1964.] [2]+26 p. † ● Item 723-B J 21.14: 964
- 14360 [Federal textbook on citizenship: Becoming a citizen series], bk. 2, Our United States. 1964. v+118 p. il. 4° * Paper, 75c. ● Item 724
L.C. card 64-61022 J 21.9: C 49/4/bk.2

INDIAN AFFAIRS BUREAU, Interior Dept.

- 14361 Indian industrial development program, new industrial opportunity. [1964.] [12] p. il. 4° † ● Item 627 I 20.2: In 2/23/964
- 14362 Publications price list, Bureau of Indian Affairs. [Haskell Press, Apr. 1964.] 16+iv p. il. narrow 12° [Insert, dated May 7, 1964, 1 p. 32°, issued also.] † Publications Service, Haskell Institute, Lawrence, Kans., 66044 I 20.48: P 96

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

Page 51

GOVERNMENT PUBLICATIONS

INTERAGENCY COMMITTEE ON WATER RESOURCES

Study of methods used in measurement and analysis of sediment loads in streams, cooperative project sponsored by subcommittee on sedimentation: Report. ● Item 607-A

- 14363 14. Determination of fluvial sediment discharge [with list of references; prepared by Frederick S. Witzigman and reviewed by Byron C. Colby]. Dec. 1963 [published 1964]. 151 p. il. 4° [Prepared for publication by Project Staff of Cooperating Agencies at St. Anthony Falls Hydraulic Laboratory, Minneapolis, Minn. Supersedes Report 8, Measurement of sediment discharge of streams.] * Paper, 70c. Y 3.1n 8/8:10/14

INTERIOR DEPARTMENT

- 14364 Lower Colorado River land use plan, report of Lower Colorado River Land Use Advisory Committee. Jan. 1964. xii+187 p. il. 9 pl. 3 overlays, 4° [Plates and some illustrations are colored.] * Paper, \$3.25. ● Item 603 L.C. card 64-61966 I 1.2: C 71
- 14365 Natural resources of West Virginia, Mountain State; prepared by Division of Information. [1964.] 64 p. il. 4° * Paper, 45c. ● Item 603-C L.C. card 63-62363 I 1.91: W 52v

INTERNAL REVENUE SERVICE, Treasury Dept.

- 14366 Guide to laws enforced by Alcohol and Tobacco Tax Division, for law enforcement officers. [Revised June 1964.] [1964.] 13 p. il. narrow 16° (Document 5173.) † ● Item 956-A T 22.19/2: L 44/964
- 14367 Looseleaf regulations system: Service 1, Income tax, transmittal 52. June 5, 1964. [32] p. 4° ● Item 961 T 22.19/3: 1/trans.52
- NOTE.—Service 1 consists of pts. 1, 2, 18, and 19 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$12.50 (including basic material and supplements issued irregularly for approximately 3 years); \$3.75 additional for foreign mailing.
- 14368 Technical information release. (TIR series; Public Information Division.) [Irregular.] † T 22.42/2: (nos.) no. 593—May 1, 1964—

INTERNATIONAL COMMERCE BUREAU, Commerce Dept.

- 14369 Checklist, international business publications. June 1964. [2]+24+[2] p. il. 4° † ● Item 231-D C 42.15: C 41/964 L.C. card 62-64920
- 14370 Market for U.S. products, Venezuela [with list of other publications on Venezuela; by Reynaldo Rodriguez]. [June 1964.] vi+65 p. il. 4° [Supplement to International commerce.] * Paper, 50c. ● Item 214 L.C. card 64-62074 C 42.8/2: V 55/2
- 14371 Meet buyers for 400,000,000 customers [show the world, sell the world, U.S. trade centers, trade fairs.] [June 1964.] [2] p. il. oblong 8°, folded into narrow 8° size. † ● Item 231-A C 42.2: B 98/964
- Overseas business reports OBR (series). [Issued irregularly. Combines 3 parts of former World trade information service.] * Paper, \$18.00 a yr. \$12.00 additional for foreign mailing; single copy, each 15c. (1-3 yr. subs.). ● Item 231-B C 42.20: (nos.)
- 14372 64-45. Market indicators for Asia and Oceania [with bibliography]. June 1964. 28 p. il. 4° ([International Trade Analysis Division, Office of International Regional Economics.]) [Supersedes WTIS, pt. 3, no. 61-3.]
- 14373 64-47. Basic data on economy of Nigeria [with bibliography]; prepared by A. A. Wilken. 20 p. il. 4°
- 14374 64-50. Foreign trade regulations of Guatemala; prepared by Rodney D. Anderson. May 1964. 8 p. 4° [Supersedes OBR 62-37 and WTIS, pt. 2, no. 59-42.]
- 14375 64-51. Foreign trade regulations of Spain; prepared by Arley T. Caudill. May 1964. 8 p. 4° [Supersedes WTIS, pt. 2, nos. 56-23, 58-18, 61-54.]

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C., Unless Otherwise Indicated

AUGUST 1964

- 14376 64-52. Foreign trade regulations of Turkey; prepared by Near East-South Asia Division, Office of International Regional Economics. May 1964. 6 p. 4° [Supersedes WTIS, pt. 2, nos. 59-43, 61-51, 61-73.]
- 14377 64-53. Basic data on economy of Chad [with bibliography]; prepared by Michael B. Smith. June 1964. 8 p. il. 4° [Supersedes portions of WTIS, pt. 2, no. 59-73.]
- 14378 64-54. Foreign trade regulations of Thailand; prepared by Dawn A. Wachtel. June 1964. 8 p. 4° [Supersedes WTIS, pt. 2, nos. 59-84, 60-10 and 61-1.]
- 14379 64-55. Foreign trade regulations of Fed. Rep. of Germany; prepared by Margot W. Zener. June 1964. 10 p. [Supersedes WTIS, pt. 2, nos. 60-21, 60-63, 61-11, and OBR 62-30.]
- 14380 64-56. Foreign trade regulations of Argentina; prepared by Walter Haldar. June 1964. 8 p. 4° [Supersedes OBR 63-49.]
- 14381 64-57. Foreign trade regulations of Austria; prepared by Catherine M. Kelley. June 1964. 7 p. 4° [Supersedes WTIS, pt. 2, nos. 62-8, 61-31, and 59-18.]
- 14382 64-58. Investment factors in Republic of Korea; prepared by Joyce C. Bachmann. June 1964. 16 p. 4°
- 14383 64-60. Foreign trade regulations of West African Customs Union [Dahomey, Ivory Coast, Mali, Mauritania, Niger, Senegal, Upper Volta] and Togo; prepared by G. Michael Bache. June 1964. 11 p. 4° [Supersedes WTIS, pt. 2, nos. 56-78, 56-80, and 58-49.]
- 14384 64-62. Foreign trade regulations of Nicaragua; prepared by Rodney D. Anderson. June 1964. 8 p. 4° [Supersedes OBR 62-18; WTIS, pt. 2, nos. 59-75 and 59-67.]
- 14385 64-63. Basic data on economy of British Honduras [with bibliography]; prepared by William E. Spruce. June 1964. 8 p. 4°
- 14386 64-64. Foreign trade regulations of Ireland; prepared by Edward A. Leslie. June 1964. 7 p. 4° [Supersedes WTIS, pt. 2, nos. 60-28, and 61-8; OBR 62-38.]
- 14387 64-65. Basic data on economy of Norway [with bibliography]; prepared by Ann C. Holmes. June 1964. 13 p. il. 4° [Supersedes WTIS, pt. 1, no. 61-22.]
- 14388 64-67. Market factors in Netherlands [with bibliography]; prepared by Jacobus T. Severiens. June 1964. 12 p. 4°
- 14389 64-69. Leading commodities in U.S. foreign trade in 1963 [prepared in International Trade Analysis Division]. July 1964. 12 p. il. 4°
- 14390 64-72. United States foreign trade, Jan.-Mar. 1964; [prepared in International Trade Analysis Division]. July 1964. 24 p. il. 4°
- 14391 To Philippines, early '65, U.S. Industrial Development Mission will promote machinery exports, joint venture. [1964.] [3] p. il. 4° [Reprint from International commerce, June 8, 1964.] †
- C 42.8/a : P 538/2
- 14392 Trade of United States, Western Europe, Canada & Japan in manufactured products, 1961/62, commodity data on U.S. participation in 90 foreign markets compared with other countries: v. 1, Plastic materials, pharmaceutical products, and manufactured fertilizers. [1964.] v+123 p. 4° [Prepared in cooperation with Business and Defense Services Administration.] * Paper, 75c. ● Item 231-A
L.C. card 64-62087 C 42.2:M 31/v.1
- 14393 — v. 2, Selected machinery and equipment. [1964.] v+126 p. 4° [Prepared in cooperation with Business and Defense Services Administration.] * Paper, 75c. ● Item 231-A
L.C. card 64-62087 C 42.2: M 31/v.2
- 14394 — v. 3, Selected consumer goods. [1964.] v+125 p. 4° [Prepared in cooperation with Business and Defense Services Administration.] * Paper, 75c. ● Item 231-A
L.C. card 64-62087 C 42.2: M 31/v.3
- 14395 U.S. share of world markets for manufactured products, analysis of changes from 1954-61; [by Harry Bodansky and Frances L. Hall]. [Mar. 1964.] v+26 p. il. 4° [Supplement to International commerce.] * Paper, 25c. ● Item 214
L.C. card 64-62070 C 42.8/2: M 31

739-697-64—No. 835—5

- *For Sale by Superintendent of Documents
- ☿For Sale by OTS, Commerce Dept.
- Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

INTERNATIONAL DEVELOPMENT AGENCY, State Dept.

- 14396 Development research digest, journal of selected excerpts, summaries and reprints of current materials on economic and social development; prepared by National Planning Association, Frances M. Geiger, editor. [Quarterly. Contains copyright material. Replaces Economic development section of Technical digest service, formerly prepared through facilities of Commerce Department. Title of v. 1, no. 1, July 1962, read Development research review.] † S 18.33: (v.nos.&nos.) v. 1, no. 1— July 1962—
- 14397 Estimates of gross national product, calendar year 1962 in current market prices (dollar equivalents), summary for free world. May 5, 1964. 6 leaves, 4° (Statistics and Reports Division; Reports control 137.) † S 18.2: G 91/962
- 14398 Handbook of tropical and sub-tropical horticulture [with lists of references; by Ernest Mortensen and Ervin T. Bullard. [May 1964.] viii+260 p. il. 4° ([Agriculture Technical Information Desk], Communications Resources Division, Publications and Technical Services Branch.) † L.C. card 64-62107 S 18.8: H 78

INTERSTATE COMMERCE COMMISSION

- 14399 Accident bulletin 131, summary and analysis of accidents on railroads in United States subject to Interstate commerce act, calendar year 1962. [1964.] [3]+106 p. large 4° (Bureau of Transport Economics and Statistics.) * Paper, \$1.25. ● Item 681 L.C. card 5-41547 IC 1 acci. 3: 131
- 14400 Deep-sea domestic waterborne traffic, 1958-62, ton-miles and average hauls by dry-cargo ships and tankers; [prepared by Seymour Etkin]. June 1964. cover title, xii+14 p. il. 4° (Statement 6403; Bureau of Transport Economics and Statistics.) [Map on p. 2 of cover. This staff publication, issued as information, has not been adopted by Interstate Commerce Commission.] * Paper, 25c. ● Item 674 L.C. card 64-60802 IC 1.2: W 29/958-62
- 14401 Distribution of rail revenue contribution by commodity groups, 1961; [prepared by Cost Finding Section.] June 1964. cover title, ii+66 p. 4° (Statement no. 6-64; Bureau of Accounts.) [This study, issued as information, has not been adopted by Interstate Commerce Commission.] * Paper, 40c. ● Item 682-B L.C. card A50-8955 IC 1 acco.9: 961
- 14402 Errata, rail-highway grade-crossing accidents, statement 6305, calendar year 1962. [Revised May 18, 1964.] [1964.] [2] leaves, 4° (Bureau of Transport Economics and Statistics.) † IC 1 acci. 8: 962/errata
- 14403 Explanation of automatic data processing procedure of rail form A, 11-63 using IBM 7090: pt. 1, Textual explanation; [prepared by Section of Cost Finding]. May 1964. [4]+5 p. 4° (Statement 5-64; Bureau of Accounts.) [This study, issued as information, has not been adopted by Interstate Commerce Commission.] † L.C. card A64-7540 IC 1 acco.2: Au 8/2/pt.1
- Motor carrier accident investigation report. (Bureau of Motor Carriers, Section of Motor Carrier Safety.) † IC 1 mot.18: (nos.)
- 14404 86. Lee Transportation Co., Inc., accident of Jan. 17, 1964 in Starks, La. [1964.] [1]+8 p. il. 4°
- 14405 87. Report of 5 accidents involving asphyxiation of 6 drivers, Jan. and Feb. 1964. [1964.] [1]+6 p. 4° †
- Railroad accident investigation report. †
- 14406 4002. Pennsylvania Railroad Company, Harrison, N.J., July 24, 1963. [1964.] 13 p. il. 1 pl. 4° IC 1 acci.5: 4002

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C., Unless Otherwise Indicated

AUGUST 1964

- 14407 Road-check results, first half, 1962-63. May 25, 1964. 4 p. 14 tab. f° (Bureau of Motor Carrier.) [This study, issued as information, has not been adopted by Interstate Commerce Commission.] †
IC 1 mot. 2 : R 53/962-63

JOINT PUBLICATIONS RESEARCH SERVICE

JPRS (series).

Y 3.J 66: 13/(nos.)

- 14408 25067. Translations on economic organization and management in Eastern Europe, no. 339. June 15, 1964. [2]+a-b+147 p. il. 4° Φ Paper, \$2.75.
- 14409 25068. Oceanographic research, equipment and techniques, USSR [with bibliographies]. June 15, 1964. [2]+a+78 p. il. 4° [From Okeanologiya, v. 4, no. 2, 1964.] Φ Paper, \$2.00 (OTS: 64-31473).
- 14410 25069. Processing high-temperature magnesium alloys, USSR [with bibliographic references]; by M. Ye. Drits. June 15, 1964. [2]+a+53 p. il. 4° [From Magniyevyye splavy dlya raboty pri povyshennykh temperaturakh, 1964.] Φ Paper, \$1.50 (OTS: 64-31474).
- 14411 25070. Translation on Communist China's science and technology, no. 91. June 15, 1964. [2]+a+34 p. il. 4° Φ Paper, \$1.00 (OTS: 64-31475).
- 14412 25071. Translations on Communist China's industry, mining, fuels and power, no. 68. June 15, 1964. [2]+a+44 p. 4° Φ Paper, \$1.25.
- 14413 25072. Translations on political and sociological information on Communist China, no. 169. June 15, 1964. [2]+a+49 p. 4° Φ Paper, \$1.25.
- 14414 25073. Political translations on Eastern Europe, no. 116. June 15, 1964. [2]+a-b+113 p. 4° Φ Paper, \$2.50.
- 14415 25074. Translations on East European foreign trade, no. 167. June 15, 1964. [2]+a+91 p. 4° Φ Paper, \$2.25.
- 14416 25075. Translations on East European service industries, no. 270. July 21, 1964. [2]+a+13 p. il. 4° [Corrected version. Replaces issue dated June 15, 1964.] Φ Paper, 50c.
- 14417 25076. Psychopharmacology, Rumania; by Carli Marcu. June 15, 1964. [2] p. +4 leaves, 4° [From Stiinta si tehnica, Apr. 1964.] Φ Paper, 50c. (OTS: 64-31476).
- 14418 25077. Biographies of Soviet scientists, USSR. June 15, 1964. [2]+a+22 p. 4° [Articles from various Russian-language periodicals.] Φ Paper, 75c. (OTS: 64-31477.)
- 14419 25078. Effect of heat treatment on mechanical properties of M252 (studies on nickel-base heat-resisting alloys-III) [with list of references]; by Taro Hasegawa. June 15, 1964. [2]+14 p. il. 4° Φ Paper, 50c. (OTS: 64-31478).
- 14420 25079. Problem of energy metabolism in green plant, USSR; by B. A. Rubin. June 15, 1964. [2]+24 p. il. 4° [From Agrobiologiya, Nov/Dec. 1963.] Φ Paper, 75c. (OTS: 64-31479).
- 14421 25080. East European scientific abstracts: Earth sciences, no. 18. June 15, 1964. [2] p.+a+11 leaves, 4° Φ Paper, 50c. (OTS: 64-31480).
- 14422 25081. East European scientific abstracts: Biology and medicine, no. 75. June 15, 1964. [2] p.+a+29 leaves, 4° Φ Paper, 75c. (OTS: 64-31481).
- 14423 25082. East European scientific abstracts: Physics and mathematics, no. 25. June 15, 1964. [2] p.+a+5 leaves, 4° Φ Paper, 50c. (OTS: 64-31482).
- 14424 25083. USSR scientific abstracts: Biology and medicine, no. 12. June 15, 1964. [2] p.+a+148 leaves, il. 4° Φ Paper, \$2.75 (OTS: 64-31483).
- 14425 25084. Translations on international Communist developments, no. 611. June 15, 1964. [2]+a+110 p. 4° Φ Paper, \$2.50.
- 14426 25085. East European scientific abstracts: Electronics and engineering, no. 26. June 16, 1964. [2] p.+a+4 leaves, 4° Φ Paper, 50c. (OTS: 64-31484).
- 14427 25086. Translations on USSR electric power, no. 49. June 16, 1964. [2]+a-b+41 p. 4° Φ Paper, \$1.25.
- 14428 25087. Summary of Polish provincial press, 344 (May 26-June 1, 1964). June 16, 1964. [2]+a-b+37 p. 4° Φ Paper, \$1.00. L.C. card 58-60883
- 14429 25088. Press information report on Albania, no. 91. June 16, 1964. [2]+a+26 p. 4° Φ Paper, 75c.
- 14430 25089. Results of magnetotelluric investigations in Georgia, USSR; by M. N. Berdichevskiy and G. A. Chernyavskiy. June 16, 1964. [2]+8 p. il. 4° [From Razvedka i okhrana nedr, no. 4, Apr. 1964.] Φ Paper, 50c. (OTS: 64-31485).
- 14431 25090. East European scientific abstracts: Chemistry, no. 34. June 16, 1964. [2] p.+a+12 leaves, 4° Φ Paper, 50c. (OTS: 64-31486).
- 14432 25091. USSR industrial development: Soviet regional economy, no. 114. June 16, 1964. [2]+a+7 p. 4° Φ Paper, 50c. (OTS: 64-31487).
- 14433 25092. Translations on East European service industries, no. 271. June 16, 1964. [2]+a+15 p. 4° Φ Paper, 50c.
- 14434 25093. East European scientific abstracts: Physics and mathematics, no. 26. June 16, 1964. [2] p.+a+10 leaves, 4° Φ Paper, 50c. (OTS: 64-31488).

*For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 14435 25094. East European scientific abstracts: Biology and medicine, no. 76, June 16, 1964. [2] p.+a+23 leaves, 4° Φ Paper, 75c. (OTS: 64-31489).
- 14436 25095. Translations from Hung-ch'i (Red flag) no. 7-8, 1964, Communist China. June 12, 1964. [2]+a+97 p. 4° Φ Paper, \$2.25. L.C. card 59-60699
- 14437 25096. Methods of reducing production costs, USSR [articles]. June 16, 1964, [2]+a+33 p. 4° Φ Paper, \$1.00.
- 14438 25097. Modelling of automatic control systems, USSR [articles, with bibliographies]. June 16, 1964. [2]+a+67 p. il. 4° [From Avtomatyka, v. 9, no. 2, 1964.] Φ Paper, \$1.75 (OTS: 64-31490).
- 14439 25098. Translations on East European agriculture, forestry, and food industries, no. 267, June 16, 1964. [2]+a+42 p. il. 4° Φ Paper, \$1.25.
- 14440 25099. New method in probability number theory, USSR [with bibliography]; by Ye. V. Novoselev. June 16, 1964. [2]+86 p. 4° [From Izvestiya Akademii nauk SSSR, Seriya matematicheskaya, v. 26, no. 2, 1964.] Φ Paper, \$2.25 (OTS: 64-31491).
- 14441 25100. Materials, technology and production economy welding of austenitic heat resisting steels and alloys used in building gas turbines, USSR; by B. I. Medovar. June 16, 1964. [2]-15 p. il. 4° [From Energomashinostroyeniye, no. 3, Mar. 1964.] Φ Paper, 50c. (OTS: 64-31492).
- 14442 25101. Index of La Stampa and La Stampa sera, no. 212 (June 1-7, 1964), June 16, 1964. [2]+9 p. 4° Φ Paper, 50c. L.C. card 58-60868
- 14443 25102. Translations on international Communist developments, no. 612. June 16, 1964. [2]+a-b+74 p. 4° Φ Paper, \$2.00.
- 14444 25103. On mechanism and limits of spontaneous chain ignition of hydrogen with oxygen in shock waves, USSR [with bibliography]; by V. G. Voyevodskiy. June 16, 1964. [2]+7 p. il. 4° [From Doklady Akademii Nauk SSSR, v. 154, no. 6, 1964.] Φ Paper, 50c. (OTS: 64-31493).
- 14445 25104. Use of penetrating cosmic radiation for determination of mean rock-density values, USSR [with bibliography]; by V. M. Bondarenko and A. G. Tarkhov. June 16, 1964. [2]+8 p. il. 4° [From Razvedka i okhrana nedr. no. 4, Apr. 1964.] Φ Paper, 50c. (OTS: 64-31494).
- 14446 25105. Translations on economic organization and management in Eastern Europe, no. 340. June 16, 1964. [2]+a+66 p. 4° Φ Paper, \$1.75.
- 14447 25106. Communist China scientific abstracts, no. 55. June 16, 1964. [2] p.+a+3 leaves, 4° Φ Paper, 50c (OTS: 64-31495).
- 14448 25107. Summary of Czechoslovak provincial press, no. 264 (Apr. 18-24, 1964), June 16, 1964. [2]+a-b+13 p. 4° Φ Paper, 50c. L.C. card 59-60695
- 14449 25108. Communist China digest, no. 122. June 16, 1964. [2]+a-g+153 p. 4° Φ Paper, \$5.50.
- 14450 25109. Soviet economic system, structure and policy, no. 134 (development of national economy of USSR during past decade), June 16, 1964. [2]+15 p. 4° [From Vestnik statistiki, no. 4, Apr. 1964.] Φ Paper, 50c.
- 14451 25110. Journey without adventure and fantasy, Communist China; by Ye. Murzayev. June 16, 1964. [2]+163 p. il. 4° Φ Paper, \$3.00.
- 14452 25111. Logical forms of crime classification, USSR; by V. N. Kudryavtsev. June 16, 1964. [2]+21 p. il. 4° [From Teoreticheskiye osnovy kvalifikatsii prestupleniy, 1963.] Φ Paper, 75c.
- 14453 25112. Press information report on Albania, no. 92 (Feb. 27-Mar. 31, 1964.) June 16, 1964. [2]+a-f+85 p. 4° Φ Paper, \$2.25.
- 14454 25113. Translations of Pravda editorial, USSR, no. 279 (June 12, 1964). June 16, 1964. [2] p.+4 leaves, 4° Φ Paper, 50c.
- 14455 25114. Radiation hygiene, USSR; edited by S. M. Gorodinsky et al. June 17, 1964. [2]+a+39 p. il. 4° [From Radiatsionnaya gigiyena, v. 1, 1962.] Φ Paper, \$1.25 (OTS: 64-31496).
- 14456 25115. Cyclohexane-metallic catalyst interaction, chemical bond estimation, and electrostatic adsorption of ions, USSR [articles, with lists of literature]. June 17, 1964. [2]+a+19 p. il. 4° [From Doklady Akademii nauk SSSR, v. 155, 1964, no. 3.] Φ Paper, 75c. (OTS: 64-31497).
- 14457 25116. Studies in toxicology, USSR [with bibliographies]. June 17, 1964. [2]+a+31 p. il. 4° [From Gigiyena truda i professional'nyye zabolevaniya, Apr. 1964.] Φ Paper, \$1.00 (OTS: 64-31498).
- 14458 25117. USSR industrial development: Soviet regional economy, no. 115. June 17, 1964. [2]+a+27 p. 4° Φ Paper, 75c. (OTS: 64-31499).
- 14459 25118. Translations on East European agriculture, forestry, and food industries, no. 268. June 17, 1964. [2]+a+20 p. il. 4° Φ Paper, 75c.
- 14460 25119. Translations on Soviet transportation, no. 67. June 17, 1964. [2]+a-b+195 p. il. 4° Φ Paper, \$3.00.
- 14461 25120. Summary of Bulgarian provincial press, no. 211 (Apr. 23-May 8, 1964), June 17, 1964. [2]+a-b+6 p. 4° Φ Paper, 50c.
- 14462 25121. Health resort science, physiotherapy, and therapeutic physical culture, USSR [articles, with bibliographies]. June 17, 1964. [2]+i+35 p. 4° [From Voprosy kurortologii, fizioterapii, i lechennoy fizicheskoy kul'tury, Mar.-Apr. 1964.] Φ Paper, \$1.00 (OTS: 64-31500).

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 14463 25122. Prophylactic and protective measures in working with thorium, USSR; by N. Yu. Tarasenko. June 17, 1964. [2]+29 p. ll. 4° [From *Glyyena truda pri rabote s toriyem*, 1963.] ♣ Paper, 75c. (OTS: 64-31501).
- 14464 25123. Distribution of reserves of game waterfowl in USSR at present time and in recent past [with bibliography]; by Yu. A. Isakov. June 17, 1964. [2]+14 p. ll. 4° [From *Byulleten' Moskovakogo Obschestva Ispitateley Prlorody*, v. 69, no. 1, 1964.] ♣ Paper, 50c. (OTS: 64-31502).
- 14465 25124. Metal fatigue and cyclic stress, USSR [articles, with bibliographies]. June 17, 1964. [2]+a+33 p. ll. 4° [From *Prochnost' metallovo pri peremennykh nagruzkakh*, 1963.] ♣ Paper, \$1.00 (OTS: 64-31503).
- 14466 25125. Translations on economic organization and management in Eastern Europe, no. 341. June 17, 1964. [2]+a+22 p. 4° ♣ Paper, 75c.
- 14467 25126. Laboratory and field research into piezoelectric effect of nepheline-containing rocks, USSR [with bibliography]; by E. I. Parkhomenko. June 17, 1964. [2]+6 p. ll. 4° [From *Doklady Akademii Nauk SSSR*, v. 155, no. 6, 1964.] ♣ Paper, 50c. (OTS: 64-31504).
- 14468 25127. Study of functional condition of kidneys and toxic properties of sera of animals after repeated thermal trauma, USSR [with bibliography]; by R. V. Nedoshivina and I. K. Koryakina. June 17, 1964. [2] p.+5 leaves, ll. 4° [From *Patologicheskaya fiziologiya i eksperimental'naya terapiya*, Mar./Apr. 1964.] ♣ Paper, 50c. (OTS: 64-31505).
- 14469 25128. East European scientific abstracts: Physics and mathematics, no. 27. June 17, 1964. [2]+a+3 leaves, 4° ♣ Paper, 50c. (OTS: 64-31506).
- 14470 25129. East European scientific abstracts: Biology and medicine, no. 77. June 17, 1964. [2]+a+4 leaves, 4° ♣ Paper, 50c. (OTS: 64-31507).
- 14471 25130. Effect on stress on radiosensitivity of rats and effectiveness of radioprotective action of mercamine, USSR [with bibliography]; by P. D. Gorizontov and I. A. Rudakov. June 17, 1964. [2]+10 p. ll. 4° [From *Patologicheskaya fiziologiya i eksperimental'naya terapiya*, v. 8, no. 2, Mar.-Apr. 1964.] ♣ Paper, 50c. (OTS: 64-31508).
- 14472 25131. Interrelationship between plasma loss, hemoconcentration, changes in circulating blood volume and blood pressure in thermal burns, USSR [with bibliography]; by N. I. Kochetgov. June 17, 1964. [2]+8 p. 4° [From *Patologicheskaya fiziologiya*, Mar./Apr. 1964.] ♣ Paper, 50c. (OTS: 64-31509).
- 14473 25132. Specificity of autoantibodies in burn sickness, USSR [with bibliography]; by V. N. Kazakova. June 17, 1964. [2]+7 p. 4° [From *Patologicheskaya fiziologiya i eksperimental'naya terapiya*, Mar./Apr. 1964.] ♣ Paper, 50c. (OTS: 64-31510).
- 14474 25133. Problem of change of interstitial water balance in dogs after lethal thermal burn, USSR [with bibliography]; by V. B. Troitskiy and N. A. Gorbunova. June 17, 1964. [2]+7 p. 4° [From *Patologicheskaya fiziologiya i eksperimental'naya terapiya*, Mar./Apr. 1964.] ♣ Paper, 50c. (OTS: 64-31511).
- 14475 25134. Translations on Africa, no. 58. June 17, 1964. [2]+a+27 p. 4° ♣ Paper, 75c.
- 14476 25135. Problems of investment and chill casting, USSR [articles, with list of literature]. June 17, 1964. [2]+a+22 p. ll. 4° [From *Liteynaye proizvodstvo*, Jan. 1964.] ♣ Paper, 75c. (OTS: 64-31512).
- 14477 25136. Rumanian school of mathematics; by Miron Nicolscu. June 17, 1964. [2] p.+5 leaves, 4° [From *Rominia Ibero*, May 17, 1964.] ♣ Paper, 50c. (OTS: 64-31513).
- 14478 25137. Soviet military translations, no. 145 (Civil defense). June 17, 1964. [2]+a+30 p. ll. 4° ♣ Paper, \$1.00.
- 14479 25138. *Izvestiya VUZov*, radio engineering, USSR, no. 1, 1964 [with bibliographies]. May 17, 1964. [2]+a-c+213 p. ll. 4° ♣ Paper, \$3.50 (OTS: 64-31514).
- 14480 25139. Soviet-bloc research in geophysics, astronomy, and space. See Appendix entry in February monthly catalog.
- 14481 25140. Translations from *Hung-ch'i* (Red flag), no. 10, 1964, Communist China. (On primacy of human factor). June 17, 1964. [2]+9 p. 4° ♣ Paper, 50c.
L.C. card 59-60699
- 14482 25141. Translations on international Communist developments, no. 613. June 17, 1964. [2]+a+82 p. 4° ♣ Paper, \$2.25.
- 14483 25142. Translations of *Pravda* editorial, USSR, no. 280 (June 15, 1964). June 17, 1964. [2] p.+4 leaves, 4° ♣ Paper, 50c.
- 14484 25143. Translations on economic organization and management in Eastern Europe, no. 342. June 18, 1964. [2]+a+40 p. 4° ♣ Paper, \$1.25.
- 14485 25144. Translations on East European heavy industry, no. 176. June 18, 1964. [2]+a+60 p. 4° ♣ Paper, \$1.75.
- 14486 25145. Soviet military translations, no. 146. June 18, 1964. [2]+a+36 p. 4° ♣ Paper, \$1.00.
- 14487 25146. Translations on Africa, no. 59. June 18, 1964. [2]+a-b+126 p. 4° ♣ Paper, \$2.75.
- 14488 25147. Controllable pitch propellers and ship design, USSR. June 18, 1964. [2]+a+76 p. ll. 4° [From *Crebnye vinty reguliruyemogo shaga i ikh sovmetnaya rabota s silovymi ustanovkami*, 1963.] ♣ Paper, \$2.00 (OTS: 64-31515).

*For Sale by Superintendent of Documents
 ♣For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 14489 25148. Soviet economic system, current developments, no. 37. June 18, 1964. [2]+a-b+23 p. 4° Φ Paper, 75c.
- 14490 25149. Sociological translations on Eastern Europe, no. 229. June 18, 1964. [2]+a+31 p. 4° Φ Paper, \$1.00.
- 14491 25150. USSR industrial development: Soviet ferrous metallurgy, no. 194. June 18, 1964. [2]+a+16 p. 4° [Some pages are issued as leaves.] Φ Paper, 50c. (OTS: 64-31516).
- 14492 25151. Translations of political and sociological information on North Vietnam, no. 83. June 18, 1964. [2]+a-b+62 p. 4° Φ Paper, \$1.75.
- 14493 25152. USSR industrial development: Soviet automotive industry, no. 58. June 18, 1964. [2]+a-f+43 p. 4° Φ Paper, \$1.25 (OTS: 64-31517).
- 14494 25153. Translations on international Communist developments, no. 614. June 18, 1964. [2]+a-b+82 p. 4° Φ Paper, \$2.25.
- 14495 25154. Translations on North Vietnam's economy, no. 106. June 18, 1964. [2]+a+24 p. 4° Φ Paper, 75c.
- 14496 25155. Summary of Rumanian provincial press, no. 266 (May 10-17, 1964). June 18, 1964. [2]+a+20 p. 4° [Includes list of sources.] Φ Paper, 75c.
- 14497 25156. Translations on East European materials industries, no. 169 [with bibliography]. June 18, 1964. [2]+a+38 p. 4° Φ Paper, \$1.00.
- 14498 25157. Translations on Cuba, no. 149. June 18, 1964. [2]+a-b+135 p. 4° Φ Paper, \$2.75.
- 14499 25158. Indonesian press survey, no. 58 (Mar. 16-May 21, 1964). June 16, 1964. [2]+a-b+28 p. 4° Φ Paper, \$1.00.
- 14500 25159. Summary of Hungarian provincial press, no. 315 (Apr. 21-26, 1964). June 19, 1964. [2]+a-c+31 p. 4° Φ Paper, \$1.00. L.C. card 58-60912
- 14501 25160. Translations on East European agriculture, forestry, and food industries, no. 269. June 19, 1964. [2]+a+39 p. 4° Φ Paper, \$1.25.
- 14502 25161. Translations on East European heavy industry, no. 177. June 19, 1964. [2]+a+43 p. 4° Φ Paper, \$1.25.
- 14503 25162. Translations on Soviet transportation, no. 68. June 19, 1964. [2]+a-b+161 p. il. 4° Φ Paper, \$3.00.
- 14504 25163. Special steels and alloys. USSR [with lists of references]. June 19, 1964. [2]+a+49 p. il. 4° [From Spetsial 'nyye stali i splavy, no. 35, 1963.] Φ Paper, \$1.50 (OTS: 64-31518).
- 14505 25164. Translations on economic organization and management in Eastern Europe, no. 343. June 19, 1964. [2]+a+83 p. il. 4° Φ Paper, \$2.25.
- 14506 25165. Political translations on Eastern Europe, no. 117. June 19, 1964. [2]+a+23 p. 4° Φ Paper, 75c.
- 14507 25166. USSR industrial development: Soviet nonferrous metallurgy, no. 93. June 19, 1964. [2]+a+5 p. 4° Φ Paper, 50c. (OTS: 64-31519).
- 14508 25167. Military information on East Europe, no. 86. June 19, 1964. [2]+a+9 p. 4° Φ Paper, 50c.
- 14509 25168. Izvestiya VUZov, radiophysics, USSR, no. 1, 1964 [with bibliographies]. June 19, 1964. [2]+a-b+281 p. il. 4° Φ Paper, \$4.00 (OTS: 64-31520.)
- 14510 25169. Technical cybernetics, no. 2, 1964, USSR [with bibliographies]. June 19, 1964. [2]+a-b+295 p. il. 4° Φ Paper, \$4.00 (OTS: 64-31521).
- 14511 25170. Prospects, tasks and cooperation in medical industry, USSR [articles, with bibliography]. June 19, 1964. [2]+a+12 p. 4° [From Meditsinskaya promyshlennost' SSR, v. 18, no. 3, Mar. 1964.] Φ Paper, 50c. (OTS: 64-31522).
- 14512 25171. Electron-beam welding in industry, USSR; by O. K. Nazarenko and N. N. Leont'yev. June 19, 1964. [2]+9 p. il. 4° [From Mashinostroyeniye, no. 6, Nov.-Dec. 1963.] Φ Paper, 50c. (OTS: 64-31523).
- 14513 25172. New technology in investment casting, USSR; by A. S. Lakeyev. June 19, 1964. [2]+6 p. 4° [From Mashinostroyeniye, no. 6, Kiev, Nov.-Dec. 1963.] Φ Paper, 50c. (OTS: 64-31524).
- 14514 25173. Research Institute of Hungarian Organic Chemical Industry. June 19, 1964. [2] p.+3 leaves, 4° [From Ujtok lapja, v. 16, no. 8, Apr. 25, 1964.] Φ Paper, 50c. (OTS: 64-31525).
- 14515 25174. Applications to Hungarian National Patent Office. June 19, 1964. [2] p.+3 leaves, 4° [From Ujtok lapja, v. 16, no. 8, Apr. 25, 1964.] Φ Paper, 50c. (OTS: 64-31526).
- 14516 25175. Classification of tumors of upper respiratory organs, USSR [articles]. June 19, 1964. [2]+a+10 p. 4° [From Voprosy onkologii, v. 10, no. 1, 1964.] Φ Paper, 50c. (OTS: 64-31527).
- 14517 25176. What a training village should look like, USSR; by A. Chebotarev. June 19, 1964. [2] p.+5 leaves, il. 4° [From Voyennoye znaniya, no. 2, 1964.] Φ Paper, 50c.
- 14518 25177. USSR international economic relations, no. 12 (Po-I-Po distorts facts). June 19, 1964. [2] p.+5 leaves, 4° Φ Paper, 50c.
- 14519 25178. Translations on Cuba, no. 150. June 22, 1964. [2]+a+62 p. 4° Φ Paper, \$1.75.
- 14520 25179. USSR industrial development: Soviet metalworking equipment, no. 102. June 22, 1964. [2]+a+34 p. il. 4° Φ Paper, \$1.00 (OTS: 64-31528).

*For Sale by Superintendent of Documents
 †Distribution Made by Issuing Office
 ‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

AUGUST 1964

- 14521 25180. Studies of tumors, USSR [with bibliographies]. June 22, 1964. [2]+a+20 p. il. 4° [From Voprosy onkologii, v. 10, no. 3, 1964.] Φ Paper, 75c. (OTS: 64-31529).
- 14522 25181. The book of the future, USSR. June 22, 1964. [2]+17 p. 4° [From Kniga, no. 9.] Φ Paper, 50c. (OTS: 64-31530).
- 14523 25182. Toxic effect of molds on grain, USSR [with bibliographies]. June 22, 1964. [2]+a+1-62a, 63-107 p. il. 4° Φ Paper, \$2.50 (OTS: 64-31531).
- 14524 25183. East European scientific abstracts: Electronics and engineering, no. 27. June 22, 1964. [2] p.+a+12 leaves, 4° Φ Paper, 50c. (OTS: 64-31532).
- 14525 25184. Studies in color vision, USSR. June 22, 1964. [2]+a+29 p. il. 4° [From Tsvet vokrug nas 8 series. Biologiya i meditsina, 1964.] Φ Paper, \$1.00 (OTS: 64-31533).
- 14526 25185. Translations on USSR communications, no. 44. June 22, 1964. [2]+a+13 p. il. 4° Φ Paper, 50c.
- 14527 25186. Sociological translations on Eastern Europe, no. 230. June 22, 1964. [2]+a+40 p. il. 4° Φ Paper, \$1.25.
- 14528 25187. Geographical distribution of magma deposits throughout Mongolia; by N. A. Marinov. June 22, 1964. [2]+a+30 p. il. 4° [From Materialy po geologii Mongol'skoy Narodnoy Respubliki, 1963.] Φ Paper, \$1.00 (OTS: 64-31534).
- 14529 25188. Translations of political and sociological information on Communist China, no. 170. June 22, 1964. [2]+a+50 p. 4° Φ Paper, \$1.50.
- 14530 25189. Translations on international Communist developments, no. 615. June 22, 1964. [2]+a-b+100 p. 4° Φ Paper, \$2.50.
- 14531 25190. Translations on Communist China's trade, finance, transportation and communications, no. 101. June 22, 1964. [2]+a+39 p. 4° Φ Paper, \$1.25.
- 14532 25191. Translations on Communist China's science and technology, no. 92 [with bibliography]. June 22, 1964. [2]+a+47 p. il. 4° Φ Paper, \$1.25 (OTS: 64-31535).
- 14533 25192. Soviet economic system: Structure and policy, no. 135 (development of large-scale chemistry and tasks of financial organs). June 22, 1964. [2]+8 p. 4° [From Finansy SSSR, no. 3, Mar. 1964.] Φ Paper, 50c.
- 14534 25193. Translations on Soviet transportation, no. 69. June 22, 1964. [2]+a-b+61 p. 4° Φ Paper, \$1.75.
- 14535 25194. Translations on North Vietnam's economy, no. 107. June 22, 1964. [2]+a+28 p. 4° Φ Paper, 75c.
- 14536 25195. Translations of political and sociological information on North Vietnam, no. 84. June 22, 1964. [2]+a+13 p. 4° Φ Paper, 50c.
- 14537 25196. Translations on Communist China's industry, mining, fuels and power, no. 69. June 22, 1964. [2]+a+27 p. 4° Φ Paper, 75c.
- 14538 25197. First session of Scientific Council on Problems of Cytology, USSR; by M. N. Gruzova. June 22, 1964. [2] p.+3 leaves, 4° Φ Paper, 50c. (OTS: 64-31536).
- 14539 25198. Translations on East European service industries, no. 272 (Transportation: Industry or public service?). June 22, 1964. [2]+7 p. 4° Φ Paper, 50c.
- 14540 25199. Translations on East European foreign trade, no. 168. June 22, 1964. [2]+a+19 p. 4° Φ Paper, 75c.
- 14541 25200. Translations of Pravda editorial, USSR, no. 281 (June 16, 1964). June 19, 1964. [2]+4 leaves, 4° Φ Paper, 50c.
- 14542 25201. Summary of Polish provincial press, no. 345 (June 2-8, 1964). June 22, 1964. [2]+a-b+33 p. 4° [Includes list of newspaper sources.] Φ Paper, \$1.00.
L.C. card 58-60883
- 14543 25202. Progress toward goal by random search method, USSR [with list of references] by V. A. Mutseulyeks et al. June 22, 1964. [2]+14 p. 4° [From Izvestiya Akademii Nauk Latvviyskoy SSR, seriya fizicheskikh i tekhnicheskikh nauk, no. 2, 1964.] Φ Paper, 50c. (OTS: 64-31537).
- 14544 25203. Translations on East European materials industries, no. 170 [with list of references]. June 22, 1964. [2]+a+28 p. il. 4° Φ Paper, 75c.
- 14545 25204. USSR industrial development: Soviet metalworking equipment, no. 103. June 22, 1964. [2]+a+7 p. 4° Φ Paper, 50c. (OTS: 64-31538).
- 14546 25205. Political translations on Eastern Europe, no. 118. June 22, 1964. [2]+a+20 p. 4° Φ Paper, 75c.
- 14547 25206. Problems of labor hygiene in production of metallic thallium and its salts. USSR [with bibliography]; by T. S. Tikhov. June 22, 1964. [2]+9 p. 4° [From Gigiyena i sanitariya, Feb. 1964.] Φ Paper, 50c. (OTS: 64-31539).
- 14548 25207. Translations on Communist China's trade, finance, transportation and communications, no. 102. June 22, 1964. [2]+a+39 p. 4° Φ Paper, \$1.25.
- 14549 25208. Vestnik of USSR Academy of Medical Sciences, v. 19, no. 4, 1964. June 22, 1964. [2]+a-b+169 p. il. 4° Φ Paper, \$3.00 (OTS: 64-31540).
- 14550 25209. Translations on international Communist developments, no. 616. June 22, 1964. [2]+a-b+135 p. 4° Φ Paper, \$2.75.
- 14551 25210. Translations on East European service industries, no. 273. June 22, 1964. [2]+a+21 p. il. 4° Φ Paper, 75c.

*For Sale by Superintendent of Documents
 ΦFor Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 14552 25211. Translations on Africa, no. 60 (Activities of National Liberation Front of Angola). June 22, 1964. [2]+a-b+21 p. 4° [Translation of Angola Informations, May 3, 1964.] Φ Paper, 75c.
- 14553 25212. Causes of religious survival and means for its elimination, USSR [with list of literature]; by Ye. A. Karpovskiy. June 22, 1964. [2]+16 p. 4° [From Voprosy filosofii, no. 4, Apr. 1964.] Φ Paper, 50c.
- 14554 25213. Pedagogical tasks in pioneer section discussed, USSR; by S. Pletnev. June 22, 1964. [2]+9 p. 4° [From Shkola-internat, no. 4, 1963.] Φ Paper, 50c.
- 14555 25214. Protecting food and water against chemical-biological-radiological attack, USSR [with list of literature; by V. Ya. Kovalenko]. June 22, 1964. [2]+a+58 p. il. 4° Φ Paper, \$1.50 (OTS: 64-21541).
- 14556 25215. Scientific research in animal husbandry and poultry raising, Rumantia; by Vasile Herdea. June 22, 1964. [2]+9 p. 4° [From Lupta de clasa, no. 4, Apr. 1964.] Φ Paper, 50c. (OTS: 64-31542).
- 14557 25216. Translations of political and sociological information on Communist China, no. 171. June 22, 1964. [2]+a+12 p. 4° Φ Paper, 50c.
- 14558 25217. Translations of political and sociological information on North Vietnam, no. 85. June 22, 1964. [2]+a+33 p. 4° Φ Paper, \$1.00.
- 14559 25218. Translations on East European agriculture, forestry, and food industries, no. 270. June 23, 1964. [2]+a+30 p. 4° Φ Paper, \$1.00.
- 14560 25219. Translations on economic organization and management in Eastern Europe, no. 344. June 23, 1964. [2]+a+50 p. 4° Φ Paper, \$1.50.
- 14561 25220. Translations on Africa, no. 60. June 23, 1964. [2]+a+58 p. 4° Φ Paper, \$1.50.
- 14562 25221. Optimal solutions for games with bluffing and high-speed control, USSR [articles, with bibliographies]. June 23, 1964. [2]+a+32 p. il. 4° [From Vestnik Leningradskogo Universiteta, seriya matematiki, mekhaniki, astronomii, v. 19, no. 1, 1964.] Φ Paper, \$1.00 (TT: 64-31543).
- 14563 25222. Philosophical problems in sociology and natural science, USSR [articles, with bibliography of recommended reading]. June 23, 1964. [2]+a+51 p. 4° [From Voprosy filosofii, no. 2, 1964.] Φ Paper, \$1.50.
- 14564 25223. East European scientific abstracts: Biology and medicine, no. 78. June 23, 1964. [2] p. a+a+23 leaves, 4° Φ Paper, 75c. (TT: 64-31544).
- 14565 25224. Short history of Mongolian People's Revolutionary Party, 1917-40. June 23, 1964. [2]+a+123 p. 4° [From Namyn am'dral, Sept.-Dec. 1963, Jan. and Mar. 1964.] Φ Paper, \$2.75.
- 14566 25225. Communist Chinese scientific abstracts, no. 56. June 23, 1964. [2] p. a+a+7 leaves, 4° Φ Paper, 50c. (TT: 64-31545).
- 14567 25226. Practical medicine in USSR [articles]. June 23, 1964. [2]+a+103 p. il. 4° [From Kalendar' vracha na 1964 god, 1963.] Φ Paper, \$2.50 (TT: 64-21546).
- 14568 25227. Summary of Rumanian provincial press, no. 267, (May 19-24, 1964). June 23, 1964. [2]+a+12 p. 4° Φ Paper, 50c.
- 14569 25228. Recent Soviet studies in biochemistry [with bibliography]. June 23, 1964. [2]+a+52 p. il. 4° [From Biokhimiya, v. 29, no. 2, Mar./Apr. 1964.] Φ Paper, \$1.50 (TT: 64-31547).
- 14570 25229. USSR industrial development: Soviet tractors and agricultural machinery, no. 129. June 23, 1964. [2]+a+15 p. il. 4° Φ Paper, 50c. (OTS: 64-31548).
- 14571 25230. Summary of Bulgarian provincial press, no. 212 (May 6-19, 1964). June 23, 1964. [2]+a-c+7 p. 4° Φ Paper, 50c.
- 14572 25231. Translations on Soviet agriculture, no. 30. June 23, 1964. [2]+a-b+73 p. 4° Φ Paper, \$2.00.
- 14573 25232. Control system with doubling actuating elements, USSR [with list of references]; by I. T. Borisenok. June 23, 1964. [2]+20 p. 4° [From Vestnik Moskovskogo Universiteta, no. 2, 1964.] Φ Paper, 75c. (TT: 64-31549).
- 14574 25233. Effect of radiation on RNA and RNA metabolism in cells of human malignant tumor, USSR [with bibliography]; by Ye. V. Budnitzykaya, et al. June 23, 1964. [2]+8 p. 4° [From Voprosy meditsinskoy khimii, v. 10, no. 2, 1964.] Φ Paper, 50c. (TT: 64-31550).
- 14575 25234. Change in serum protein of patients with chronic radiculitis during treatment with vibration baths, USSR [with bibliography]; by A. Ya. Kreymer. June 23, 1964. [2]+7 p. il. 4° [From Voprosy meditsinskoy khimii, v. 10, no. 2, 1964.] Φ Paper, 50c. (TT: 64-31551).
- 14576 25235. Experience in treatment of patients with microwaves, USSR [with bibliography]; by A. N. Obrosov and L. A. Skurikhina. June 23, 1964. [2]+10 p. il. 4° [From Klinicheskaya meditsina, v. 42, no. 4, Apr. 1964.] Φ Paper, 50c. (TT: 64-31552).
- 14577 25236. USSR scientific abstracts: Chemistry and metallurgy, no. 12. June 23, 1964. [2] p. a+a+97 leaves, il. 4° Φ Paper, \$2.25 (OTS: 64-31553).
- 14578 25237. Translation of political and sociological information on North Vietnam, no. 86. June 23, 1964. [2]+a+92 p. 4° Φ Paper, \$2.25.
- 14579 25238. Translations on Cuba, no. 151. June 23, 1964. [2]+a+81 p. 4° Φ Paper, \$2.25.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 14580 25239. Translations on Africa, no. 62. June 23, 1964. [2]+a+38 p. 4°
 Φ Paper, \$1.00.
- 14581 25240. Press reports on French military and nuclear developments. June 23,
 1964. [2]+24 p. 4° Φ Paper, 75c.
- 14582 25241. Vestnik [Akademii Meditsinskikh Nauk SSSR (Herald of) Academy of
 Medical Sciences USSR], v. 19, no. 5, 1964. June 23, 1964. [2]+
 a-b+151 p. ll. 4° Φ Paper, \$3.00 (TT: 64-31554).
- 14583 25242. Translations on East European industries, no. 274. June 23, 1964. [2]
 +a+51 p. ll. 4° Φ Paper, \$1.50.
- 14584 25243. Index of La Stampa and La Stampa sera, no. 213 (June 8-14, 1964).
 June 26, 1964. [2]+10 p. 4° Φ Paper, 50c.
 L.C. card 58-60868
- 14585 25244. Translations on international Communist developments, no. 617. June 26,
 1964. [2]+a-b+60 p. 4° Φ Paper, \$1.75.
- 14586 25245. Political translations on Eastern Europe, no. 119. June 26, 1964. [2]+
 a+65 p. 4° Φ Paper, \$1.75.
- 14587 25246. Translations of political and sociological information on North Vietnam,
 no. 87. June 26, 1964. [2]+a+90 p. 4° Φ Paper, \$2.25.
- 14588 25247. Translations on economic organization and management in Eastern
 Europe, no. 345. June 26, 1964. [2]+a+101 p. 4° Φ Paper, \$2.50.
- 14589 25248. Translations on East European agriculture, forestry, and food industries,
 no. 271. June 26, 1964. [2]+a+38 p. ll. 4° Φ Paper, \$1.00.
- 14590 25249. Translations on East European service industries, no. 275. June 26,
 1964. [2]+a+51 p. ll. 4° Φ Paper, \$1.50.
- 14591 25250. Protection of grain products from radioactive, chemical and bacterial sub-
 stances discussed, USSR; by V. I. Averbuch and I. Z. Berlin. June 26,
 1964. [2]+14 p. ll. 4° [From Kak zaschitit' khlebo produkty ot
 radioaktivnykh, khimicheskikh veshchesty i bakterial'nykh sredstv,
 1963.] Φ Paper, 50c. (TT: 64-31555).
- 14592 25251. State of hemopoietic tissue in acute radiation sickness under conditions
 of bone marrow transplantation, USSR [with bibliography]; by N. S.
 Rozanova et al. June 26, 1964. [2]+14+[1] p. ll. 4° [From
 Arkhiv patologii, v. 26, no. 4, 1964.] Φ Paper, 50c. (TT: 64-31556).
- 14593 25252. Current data on structure, properties and pathological changes of elastic
 structures, USSR [with bibliography]; by L. D. Zherebtsov. June 26,
 1964. [2]+22 p. ll. 4° [From Arkhiv patologii, v. 26, no. 4, 1964.]
 Φ Paper, 75c. (TT: 64-31557).
- 14594 25253. Studies in agricultural fertilization, USSR [articles]. June 26, 1964.
 [2]+a+20 p. ll. 4° Φ Paper, 75c. (TT: 64-31558).
- 14595 25254. Conferences in Soviet bloc, no. 4. June 26, 1964. [2]+a-b+84 p. 4°
 Φ Paper, \$2.25 (TT: 64-31559).
- 14596 25255. East European scientific abstracts: Physics and mathematics, no. 28.
 June 26, 1964. [2] p.+a+4 leaves, 4° Φ Paper, 50c. (TT: 64-
 31560).
- 14597 25256. Translations on Africa, no. 63. June 26, 1964. [2]+a+132 p. ll. 4°
 Φ Paper, \$2.75.
- 14598 25257. Sociological translations on Eastern Europe, no. 231. June 26, 1964.
 [2]+a+14 p. 4° Φ Paper, 50c.
- 14599 25258. USSR industrial development: Soviet chemical industry, no. 163. June 26,
 1964. [2]+a+18 p. 4° Φ Paper, 50c. (TT: 64-31561).
- 14600 25259. East European scientific abstracts: Chemistry, no. 35. June 26, 1964.
 [2] p.+a+11 leaves, 4° Φ Paper, 50c. (TT: 64-31562).
- 14601 25260. Summary of Czechoslovak provincial press, no. 265 (Apr. 25-May 1,
 1964). June 26, 1964. [2]+a-b+14 p. 4° Φ Paper, 50c.
 L.C. card 59-60695
- 14602 25261. Translations on economic organization and management in Eastern
 Europe, no. 346. June 26, 1964. [2]+a+32 p. ll. 4° Φ Paper, \$1.00.
- 14603 25262. Translations on East European materials industries, no. 171. June 26,
 1964. [2]+a+12 p. 4° Φ Paper, 50c.
- 14604 25263. Translations on Communist China's science and technology, no. 93.
 June 26, 1964. [2]+a+13 p. 4° Φ Paper, 50c. (TT: 64-31563).
- 14605 25264. USSR industrial development: Soviet nonferrous metallurgy, no. 94.
 June 26, 1964. [2]+a+8 p. 4° Φ Paper, 50c. (TT: 64-31564).
- 14606 25265. Summary of Polish provincial press, no. 346 (June 9-15, 1964). June 26,
 1964. [2]+a-b+38 p. 4° [Includes list of newspaper sources.]
 Φ Paper, \$1.25.
 L.C. card 58-60883
- 14607 25266. Translations of Pravda editorials, USSR, no. 282 (June 18 and 19, 1964).
 June 26, 1964. [2]+a+8 p. 4° Φ Paper, 50c.
- 14608 25267. Translations on Communist China's science and technology, no. 94 [with
 bibliographies]. June 29, 1964. [2]+a+80 p. ll. 4° Φ Paper, \$2.25
 (TT: 64-31565).
- 14609 25268. Translations on North Vietnam's economy, no. 108. June 29, 1964.
 [2]+a+34 p. 4° Φ Paper, \$1.00.
- 14610 25269. Translations on economic organization and management in Eastern
 Europe, no. 347. June 29, 1964. [2]+a+19 p. 4° Φ Paper, 75c.
- 14611 25270. Translations on East European agriculture, forestry, and food industries,
 no. 272. June 29, 1964. [2]+a+39 p. 4° Φ Paper, \$1.25.

*For Sale by Superintendent of Documents

ΦFor Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

Page 61

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 14612 25271. Changes in human morphological arterioplasty with lavsan prosthesis, USSR [with bibliography]; by A. A. Kurygin. June 29, 1964. [2]+12 p. il. 4^o [From Vestnik khirurgii, v. 29, no. 3, 1964.] Φ Paper, 50c. (TT: 64-31566).
- 14613 25272. First group flight into outer space, Aug. 11-15, 1962 [with list of literature]; edited by N. M. Sisakyan and V. I. Yazdovskiy. June 29, 1964. [2]+a-b+168 p. il. 4^o Φ Paper, \$3.00 (TT: 64-31567).
- 14614 25273. Questions of statistics of prime cost of industrial production, USSR; by D. I. Vaynsheker. June 29, 1964. [2]+a-b+178 p. 4^o Φ Paper, \$3.00 (TT: 64-31568).
- 14615 25274. Anti-ray effect on galates under conditions of irradiation with 1000 roentgens, USSR [with bibliography]; by V. A. Baraboy. June 29, 1964. [2]+7 p. il. 4^o [From Fiziologichnyy zhurnal Akademiyi Nauk Ukrayins'koyi RSR, v. 10, no. 1, 1964.] Φ Paper, 50c. (TT: 64-31569).
- 14616 25275. Influence of gravitational overloads on arterial system of extremital nerves, USSR [with bibliography]; by V. A. Otellin. June 29, 1964. [2]+7 p. 4^o [From Arkhiv anatomii gistologii i embriologii, v. 46, no. 4, 1964.] Φ Paper, 50c. (TT: 64-31570).
- 14617 25276. Chemotherapy of tumors, USSR; by S. Navashin. June 29, 1964. [2] p.+4 leaves, 4^o [From Meditsinskaya Gazeta, Jan. 10, 1964.] Φ Paper, 50c. (TT: 64-31571).
- 14618 25277. Peculiarities of course of radiation sickness in mice subjected to treatment with marrow and by immunization, USSR [with bibliography] by O. P. Lebedeva and N. A. Maksimovich. June 29, 1964. [2]+7 p. il. 4^o [From Doklady Akademii Nauk SSR, v. 155, no. 2, 1964.] Φ Paper, 50c. (TT: 64-31572).
- 14619 25278. Translations on Cuba, no. 152. June 29, 1964. [2]+a-b+132 p. 4^o Φ Paper, \$2.75.
- 14620 25279. Studies on metabolism and adrenal glands, USSR [with bibliographies]. June 29, 1964. [2]+a+14 p. 4^o [From Problemy endokrinologii i gormonoterapii, v. 10, no. 3, May/June 1964.] Φ Paper, 50c. (TT: 64-31573).
- 14621 25280. Programmed instruction and prospects for its introduction, USSR; by M. Y. Rozenberg. June 29, 1964. [2]+8 p. 4^o [From Radyans'ka shkola, v. 42, no. 5, 1963.] Φ Paper, 50c.
- 14622 25281. Certain pentavalent chromium complexes as investigated by means of electron-spin resonance, USSR [with bibliographic citations]; by N. S. Garif'yanov. June 29, 1964. [2]+6 p. il. 4^o [From Doklady Akademii Nauk SSSR, v. 155, no. 2.] Φ Paper, 50c. (TT: 64-31574).
- 14623 25282. Stability of functionally heterogenous portions of DNA to ionizing radiations, USSR [with bibliographical citations]; by G. Ye. Fradkin. June 29, 1964. [2]+7 p. il. 4^o [From Doklady Akademii Nauk SSSR, v. 155, no. 2, 1964.] Φ Paper, 50c. (TT: 64-31575).
- 14624 25283. Translations on Communist China's science and technology, no. 95. June 29, 1964. [2]+a+37 p. 4^o Φ Paper, \$1.00 (TT: 64-31576).
- 14625 25284. Translations on East European agriculture, forestry, and food industries, no. 273. June 29, 1964. [2]+a+19 p. 4^o Φ Paper, 75c.
- 14626 25285. Soviet articles on budgetary and financial problems. June 29, 1964. [2]+a+117 p. 4^o [From Finansy SSSR, Dec. 1963-Mar. 1964.] Φ Paper, \$2.50.
- 14627 25286. Scientific conferences on automatic teaching, USSR. June 29, 1964. [2] p.+5 leaves, 4^o [From Avtomatyka, v. 8, no. 4.] Φ Paper, 50c. (TT: 64-31577).
- 14628 25287. Problems of space biology, USSR [with bibliographies]; edited by N. M. Sisakyan and V. I. Yazdovskiy. June 29, 1964. [2]+a-d+551 p. il. 4^o Φ Paper, \$7.00 (TT: 64-31578).
- 14629 25288. Automation of continuous furnaces, USSR; by S. A. Malyy. June 30, 1964. [2]+37 p. il. 4^o [From Avtomatizatsiya metodicheskikh pechey, 1962.] Φ Paper, \$1.00 (TT: 64-31579).
- 14630 25289. Studies in Soviet metallurgy [articles, with lists of literature]. June 30, 1964. [3]+20 p. il. 4^o [From Trudy Instituta Metallurgii imeni A. A. Baykova, issue 6, Metallurgiya, metallovdeniye, Fiziko-khimicheskiye metody issledovaniye, 1960.] Φ Paper, 75c. (TT: 64-31580).
- 14631 25290. USSR industrial development: Soviet chemical industry, no. 164. June 30, 1964. [2]+a+18 p. 4^o Φ Paper, 50c. (TT: 64-31581).
- 14632 25291. Problems in control theory, USSR [articles, with lists of references]. June 30, 1964. [2]+a+12 p. 4^o [From Doklady Akademii Nauk SSSR, v. 155, no. 2, 1964.] Φ Paper, 50c. (TT: 64-31582).
- 14633 25292. Summary of Hungarian provincial press, no. 316 (Apr. 28-May 4, 1964). June 30, 1964. [2]+a-d+34 p. 4^o Φ Paper, \$1.00. L.C. card 58-60912
- 14634 25293. Comprehensive restorative therapy and training of personnel in neuro-surgical care system, USSR [articles]. June 30, 1964. [2]+a+8 p. 4^o [From Voprosy neyrokhirurgii, v. 28, no. 2, 1964.] Φ Paper, 50c. (TT: 64-31583).
- 14635 25294. Glassy state, USSR [articles]; edited by L. V. Yegorov. June 30, 1964. [2]+a-e+74 p. 4^o Φ Paper, \$2.25 (TT: 64-31584).

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

AUGUST 1964

- 14636 25295. Psychology in Soviet Union [articles, with lists of quoted literature]. June 30, 1964. [2]+a+64 p. 4° [From Voprosy psikhologii, v. 10, no. 2, 1964.] Φ Paper, \$1.75 (TT: 64-31585).
- 14637 25296. Translations on Cuba, no. 153. June 30, 1964. [2]+a-b+52 p. 4° Φ Paper, \$1.50.
- 14638 25297. Studies in microbiology, epidemiology and immunobiology, USSR [with bibliographies]. June 30, 1964. [2]+a-b+89 p. il. 4° [From Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 5, May 1964.] Φ Paper, \$2.25 (TT: 64-31586).
- 14639 25298. Soviet economic system, current developments, no. 38. June 30, 1964. [2]+a-b+13 p. 4° Φ Paper, 50c.
- 14640 25299. Translation of Pravda editorials, USSR, no. 283 (June 26, 1964). June 30, 1964. [2] p.+4 leaves, 4° Φ Paper, 50c.
- 14641 25300. Translations on Communist China's trade, finance, transportation and communications, no. 103. June 30, 1964. [2]+a+41 p. il. 4° Φ Paper, \$1.25.
- 14642 25301. Summary of Rumanian provincial press, no. 268 (May 20-31, 1964). June 30, 1964. [2]+a+21 p. 4° [Includes list of sources.] Φ Paper, 75c.
- 14643 25302. Translations on Communist China's industry, mining, fuels and power, no. 70. June 30, 1964. [2]+a+8 p. 4° Φ Paper, 50c.
- 14644 25303. Translations on Communist China's science and technology, no. 96. June 30, 1964. [2]+a+15 p. 4° Φ Paper, 50c. (TT: 64-31587).
- 14645 25304. Fundamentals of organization of material-technical supply and material balances, USSR; by P. V. Furduev and P. P. Karpov. June 30, 1964. [2]+23 p. 4° [From Material'nyye balansy v narodnokhozyaystvennom, 1960.] Φ Paper, 75c.
- 14646 25305. Abstracts from East European legal journals, no. 215 (Bulgaria). June 30, 1964. [2]+9 p. 4° Φ Paper, 50c.
- 14647 25306. Translations on East European service industries, no. 276. June 30, 1964. [2]+a+12 p. il. 4° Φ Paper, 50c.
- 14648 25307. Transmission of information by extraterrestrial civilizations, USSR [with bibliography]; by N. S. Kardeshev. June 30, 1964. [2]+9 p. il. 4° [From Astronomicheskii zhurnal, Mar.-Apr. 1964.] Φ Paper, 50c. (TT: 64-31588).
- 14649 25308. Summary of Czechoslovak provincial press, no. 266 (May 2-8, 1964). June 30, 1964. [2]+a-b+9 p. 4° Φ Paper, 50c.
L.C. card 59-60695
- 14650 25309. Discussion of problems of irrigation and land reclamation at February plenum of Central Committee CPSU, USSR. June 30, 1964. [2]+23 p. 4° [From Gidrotehnika i melioratsiya, no. 4, 1964.] Φ Paper, 75c. (TT: 64-31589).
- 14651 25310. Translations on USSR consumer goods and domestic trade, no. 54. June 30, 1964. [2]+a+32 p. 4° Φ Paper, \$1.00.
- 14652 25311. USSR industrial development: Soviet electrical equipment, no. 91. June 30, 1964. [2]+a-b+41 p. il. 4° Φ Paper, \$1.25 (TT: 64-31590).
- 14653 25312. Communist Chinese scientific abstracts, no. 57. June 30, 1964. [2] p.+a-b+45 leaves, 4° Φ Paper, \$1.25 (TT: 64-31591).
- 14654 25313. Translations on North Vietnam's economy, no. 109. June 30, 1964. [2]+a+43 p. 4° Φ Paper, \$1.25.
- 14655 25314. Translations of political and sociological information on Communist China, no. 172. June 30, 1964. [2]+a-b+105 p. 4° Φ Paper, \$2.50.
- 14656 25315. Translations on Communist China's agriculture, animal husbandry and materials, no. 99. June 30, 1964. [2]+a+69 p. 4° Φ Paper, \$2.00.
- 14657 25316. Translations on international Communist developments, no. 618. June 30, 1964. [2] p.+a-b+151 p. 4° Φ Paper, \$3.00.
- 14658 25317. Indonesian press survey, no. 59 (final issue: May 12-June 5, 1964). June 30, 1964. [2] p.+a-b+24 p. Φ Paper, 75c.
- 14659 25318. Soviet-bloc research in geophysics, astronomy, and space. See Appendix entry in February monthly catalog.

JUSTICE DEPARTMENT

- 14660 Official opinions of Attorneys General, v. 41, Jan. 1, 1949-Dec. 31, 1960; edited by Vida Ord Alexander. 1963 [published 1964]. xxx+622 p. [Includes opinions dated Oct. 3, 1928, Apr. 24, 1936, Sept. 20, 1940, June 7, 1947, Jan. 20, 1948, Aug. 24, 1948, Oct. 4, 1948, and Oct. 11, 1948. Also issued as II. doc. 488, 87th Cong., 2d sess.]. * Cloth, \$2.75. ● Item 718
L.C. card 12-40693 J 1.5: 41

LABOR DEPARTMENT

- 14661 Address by Secretary of Labor W. Willard Wirtz at keel-laying of U.S.S. Samuel Gompers, Puget Sound Naval Shipyard, Bremerton, Wash., July 9, 1964. [1964.] 3 leaves, 4° † L 1.13: W 74/52

*For Sale by Superintendent of Documents
 ΦFor Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 14662 Challenge of automation, address by Secretary of Labor W. Willard Wirtz before Sidney Hillman Foundation Lecture, University of Rochester, Apr. 3, 1963. [1964.] 26 leaves, 4° ([S 64-908.]) † L.1.13: W 74/49
 Demonstration notes, experimental and demonstration manpower programs. † L.1.45/2: (nos.)
- 14663 2. Testing untestables. June 1964. 4 p. 4° (Office of Manpower Automation and Training.)
- 14664 3. Volunteers and rural poverty. July 1964. 4 p. 4° (Office of Manpower, Automation and Training.)
- 14665 Excerpts from remarks by Secretary of Labor W. Willard Wirtz at Evanston High School, Evanston, Ill., Feb. 11, 1964. [1964.] 4 leaves, 4° † L.1.13: W 74/50
- 14666 Excerpts of remarks by Secretary of Labor W. Willard Wirtz at dinner meeting of Mid-Ohio Technical Society, Parkersburg, W. Va., Oct. 23, 1963. [1963.] 8 leaves, 4° † L.1.13: W 74/51
- 14667 [This entry number not used.]
- 14668 Labor-management reporting and disclosure act of 1959 (73 Stat. 519-541, 29 U.S.C. 401-531). [1964.] 21 p. 4° † ● Item 746-E L.1.47: L 11
- 14669 New policy against discrimination in employment on basis of age by Federal contractors and subcontractors under the President's Executive order 11141, Feb. 12, 1964. [1964.] [6] p. il, narrow 8° † ● Item 745 L.1.2: Ag 3/2

LABOR STANDARDS BUREAU, Labor Dept.

- Bulletins. ● Item 763 L.16.3: (nos.)
- 14670 138. Time off for voting under State laws; [prepared in Legislative Standards Branch, Division of State Services]. 1964 revision. [1964.] cover title, 21 p. oblong 12° † L.C. card L 51-100
- 14671 262. Federal labor laws and programs, layman's guide; [by Ora G. Mitchell]. Mar. 1964. vi+180 p. [Replaces Bulletin 123, Federal labor laws and agencies, 1957, and supplement, 1960.] * Paper, 55c. L.C. card L 50-118
- 14672 Community's interest in health and safety of health workers, remarks of William A. Sawyer, International Association of Machinists, Washington, D.C., before Conference Workshop, How safe are health workers? June 23, 1964. [1964.] 6 leaves, 4° (News from President's Conference on Occupational Safety.) † L.16.15: Sa 9
- Fact sheet (series). (Division of State Services.) † L.16.50: (nos.)
- 14673 4-A. Brief summary of State minimum wage laws. May 1964. cover title, 8 leaves, 4°
- 14674 9. State occupational safety and health legislation. Apr. 1964. cover title, [1] + 11 leaves, 4°
- 14675 9-B. Brief summary of State laws and regulations for control of radiation hazards. May 1964. cover title, 9 leaves, 4°
- 14676 Human aspects of accident barrier, introduction by Leon Brody, Director of Research, Center for Safety Education, New York University, New York City, before final plenary session, June 25, 1964. [1964.] 2 leaves, 4° (News from President's Conference on Occupational Safety.) † L.16.15: B 78
- 14677 Implications of changing technology for training of people [by] Seymour L. Wolfbein, deputy manpower administrator and director, Office of Manpower, Automation and Training, Department of Labor, June 23, 1964, [with list of references]. [1964.] 14 leaves, 4° (News from President's Conference on Occupational Safety.) † L.16.15: W 83

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

AUGUST 1964

- 14678 International exchange of statistics on occupational accidents, remarks of Henri P. Lacroix, Assistant Chief, Division of Statistics, International Labour Office, Geneva, Switzerland, before conference workshop, Using records to prevent accidents, June 23, 1964. [1964.] 4 leaves, 4° (News from President's Conference on Occupational Safety.) †
L 16.15: L 11
- 14679 Records as tools for safety action, remarks of Eugene N. Pollock, president, Industrial Group Service, Inc., New York City, before conference workshop, Using records to reduce accidents, June 23, 1964. [1964.] 5 leaves, 4° (News from President's Conference on Occupational Safety.) †
L 16.15: P 76
- 14680 Records program of large company, remarks of George F. Nuernberger, superintendent, safety, Kaiser Steel Corporation, Fontana, Calif., before conference workshop, Using accident records to prevent accidents, June 23, 1964. [1964.] 3 leaves, 4° (News from President's Conference on Occupational Safety.) †
L 16.15: N 88
- 14681 Remarks of Marie Scotti, manager, communication services, Maxwell House, division of General Foods Corporation, Hoboken, N.J., before conference workshop, Off-the-job safety as element of total safety, June 24, 1964. [1964.] [4] leaves, 4° (News from President's Conference on Occupational Safety.) †
L 16.15: Sco 8
- 14682 Safety design considerations for layout of facilities, placement of equipment, and production processes, remarks of Thomas H. McBrien, supervisor of safety, Westinghouse Electric Corporation, Baltimore, Md., before conference workshop, Safety through design, June 24, 1964. [1964.] 8 leaves, 4° (News from President's Conference on Occupational Safety.) †
L 16.15: M 12
- 14683 Suggested language for State wage payment and wage collection law. Nov. 1962. 8 leaves, 4° [Explanatory memorandum, 7 leaves, was issued also.] †
L 16.6/2: W 12/2
- 14684 Vocational restoration, teamwork approach, remarks of Harold Russell, chairman, President's Committee on Employment of the Handicapped, at 1964 annual Tri-Organizational National Scientific and Clinical Conference, Pittsburgh, Pa., July 13, 1964. [1964.] 8 leaves, 4° (President's Committee on Employment of the Handicapped.) †
L 16.44/3: R 91

LABOR STATISTICS BUREAU, Labor Dept.

BLS reports.

L 2.71: (nos.)

- 14685 229, supp. 1. Summary of manufacturing earnings series, 1930-64. June 1964. [3] p. 4° †
L.C. card L 62-84
- 14686 237-37. Consumer expenditures and income: Urban places in western region, 1960-61. May 1964. 23 p. 4° (Survey of consumer expenditures, 1960-61.) [Includes Supplement 1, 16 p., dated May 1964.] †
● Item 768-G
L.C. card L 63-18
- 14687 237-87. Same: Rural nonfarm areas in western region, 1961. June 1964. 13 p. 4° (Survey of consumer expenditures, 1960-61; USDA report CES-9.) [Includes Supplement 1, 6 p., dated June 1964.] †
L.C. card L 63-18
- 14688 245. Wage chronology: Western Greyhound Lines, 1945-63. May 1964. vi+40+[1] p. [Includes Material previously published as Wage chronology 30, covering period 1945-53, and Supplement 1, 1945-63.] * Paper, 30c. ● Item 768-G
- 14689 255. Wage chronology: Anthracite mining industry, 1930-59. [1964.] cover title, ii+12+[1] p. 4° [Includes materials previously published as Wage chronology 30, covering period 1930-51; Supplement 1, 1952-55; Supplement 2, 1956-57; and Supplement 3, 1958-59.] †
L.C. card L 64-74

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

BLS reports—Continued

- 14690 268. Labor law and practice in Taiwan (Formosa) [with list of sources of information regarding labor in Taiwan; by Michael B. Zuzki]. [Apr. 1964.] cover title, iv+72 p. il. 4° * Paper, 45c. ● Item 768-G
L.C. card L 64-68
- 14691 278. Injury rates by industry, 1958-60; [prepared in Bureau's Division of Industrial Hazards]. [Revised edition.] June 1964. [1]+15 p. 4° †
L.C. card L 64-70
- Bulletins. L 2.3: (nos.)
- 14692 1375-23. Employment outlook for pharmacists. [1964.] 4 p. il. 4° (Occupational outlook report series.) [Reprint from 1963-64 Occupational outlook handbook.] * Paper, 5c.
- 14693 1380-7. Employee earnings in miscellaneous retail stores, June 1962, drug stores and proprietary stores; [prepared by Alvin Bauman and Joseph K. Cocco]. May 1964. vi+53 p. 4° * Paper, 40c. ● Item 768
L.C. card L 64-8
- 14694 1385. Occupational wage survey: South Bend, Ind., Mar. 1964; [prepared by Marvin Glick]. May 1964. iii+28 p. oblong 8° * Paper, 25c. ● Item 768
L.C. card L 49-125
- 14695 1385-52. Same: Albany-Schenectady-Troy, N.Y., Mar. 1964; [prepared by Jesse Benjamin]. June 1964. iii+30 p. oblong 8° * Paper, 25c. ● Item 768
L.C. card L 49-125
- 14696 1385-54. Same: Phoenix, Ariz., Mar. 1964; [prepared by Robert L. Orr]. June 1964. iii+28 p. oblong 8° * Paper, 25c. ● Item 768
L.C. card L 49-125
- 14697 1385-55. Same: Charlotte, N.C., Apr. 1964; [prepared by James D. Garland]. June 1964. iii+28 p. oblong 8° * Paper, 25c. ● Item 768
L.C. card L 49-125
- 14698 1385-56. Same: Milwaukee, Wis., Apr. 1964; [prepared by Marvin Glick]. June 1964. iii+28 p. oblong 8° * Paper, 25c. ● Item 768
L.C. card L 49-125
- 14699 1385-57. Same: Charleston, W. Va., Apr. 1964; [prepared by Adrien D. Picard]. June 1964. iii+28 p. oblong 8° * Paper, 25c. ● Item 768
L.C. card L 49-125
- 14700 1385-58. Same: Cincinnati, Ohio-Ky., Mar. 1964; [prepared by Donald J. McNulty]. July 1964. iii+30 p. oblong 8° * Paper, 25c. ● Item 768
L.C. card L 49-125
- 14701 1398. Union wages and hours: Motortruck drivers and helpers, July 1, 1963, and trend 1936-63; [prepared by John F. Lacikey]. May 1964. iv+31 p. 4° * Paper, 25c. ● Item 768
L.C. card L 40-146
- 14702 1399. Union wages and hours: Printing industry, July 1, 1963 and trend 1907-63; [prepared by Thomas C. Mobley]. May 1964. v+40 p. 4° * Paper, 30c. ● Item 768
- 14703 1404. Labor and material requirements for private one-family house construction; [prepared by Herman J. Rothberg]. June 1964. vi+37 p. il. 4° * Paper, 30c. ● Item 768
L.C. card L 64-72
- 14704 1405. Health and insurance benefits and pension plans for salaried employees, spring 1963; [by Joseph W. Bloch and others]. May 1964. v+13 p. 4° * Paper, 20c. ● Item 768
L.C. card L 64-69
- 14705 1412. Employment of scientific and technical personnel in State government agencies, 1962; [by William L. Copeland with assistance of Jack Golomb]. June 1964. vii+77 p. 4° * Paper, 50c. ● Item 768
L.C. card 64-73
- 14706 1413. Employer expenditures for selected supplementary compensation practices for production and related workers, meatpacking and processing industries, 1962; [prepared by Arnold Strasser]. June 1964. iv+23 p. il. 4° * Paper, 25c. ● Item 768
L.C. card L 64-71
- 14707 Data for measurement of industrial productivity in United States; by Leon Greenberg. Mar. 1964. [1]+38 p. 4° [Prepared at request of Organization for Economic Co-operation and Development in connection with their Global Productivity Measurement Project.] †
L.C. card L 64-76 L 2.2: In 27/8
- 14708 Facts of poverty, [address] by Ewan Clague, commissioner of labor statistics, Department of Labor before National Social Welfare Asesmbly spring meeting, New York, N.Y., Apr. 10, 1964. [1964.] 13 p. 4° †
L 2.26: C 51/100

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- Monthly labor review, reprints. † L2.6/a: (nos.)
- 14709 2439. Special labor force report; no. 41, Employment of high school graduates and dropouts in 1963; [by] Vera C. Perrella. 522-529+9 p. 4° [From May 1964 issue.]
- 14710 2440. Employment impact of changing defense programs; [by] Joseph F. Fulton. [1964.] p. 508-516, 4° [From May 1964 issue.]
- 14711 Occupational earnings in major labor markets, 1963-64, summary release, no. 2 of 3 (26 areas). June 1964. 8 p. 4° † L2.86: 963-64/no.2
- 14712 Purchasing power of dollar based on wholesale price index, annual averages, 1890-1963, all commodities. [1964.] 3 p. oblong 12° †
L 2.2: P 97/3
- 14713 Relationship of automation, productivity, and employment, current developments in United States, [paper presented] by Leon Greenberg, assistant commissioner, Bureau of Labor Statistics, Department of Labor, before Interstate Conference on Labor Statistics, Miami, Fla., June 16-19, 1964. [1964.] 10 leaves, 4° † L 2.26: G 82/5

LAKE SURVEY (Army), Defense Dept.

- 14714 Supplement 3, July 1964, corrections and additions to 1964 Great Lakes pilot. [1964.] cover title, 12 leaves, 4° † U.S. Army Engineer District, 630 Federal Bldg., Detroit 26, Mich.
L.C. card 6-7112 D 103.203: 964/supp.3

LIBRARY OF CONGRESS

- 14715 African music, briefly annotated bibliography; compiled by Darius L. Thieme. 1964. xxvi+55 p. il. 4° (Reference Department, Music Division.) * Paper, 45c. ● Item 813
L.C. card 64-60046 LC 12.2: Af 8
- 14716 Descriptive list of treasure maps and charts [in Library of Congress]: compiled by Richard S. Ladd. 1964. vii+29 p. 4° (Reference Department, Map Division.) * Paper, 30c. ● Item 811-A
L.C. card 64-60033 LC 5.2: T 71/964
- 14717 Israel, accessions list. (Public law 480 project; American Libraries Book Procurement Center, Tel-Aviv.) [Monthly. Author index issued in June and December. Cumulative list of titles issued semi-annually beginning Jan. 1965.] † (Libraries only).
LC 1.30/4: v.nos. & nos.)
v. 1, no. 1— Apr. 1964—
- 14718 Library of Congress catalog, music and phonorecords, cumulative list of works represented by Library of Congress printed cards, 1963; [compiled and edited by Catalog Maintenance Division]. 1964. v+473 p. 4° [Semiannual, with annual and quinquennial cumulations.] † Paper, \$4.50 (Semiannual issue and annual cumulations), Card Division.
L.C. card 53-60012 LC 30.8/6: 963/2
- 14719 New serial titles, union list of serials commencing publication after Dec. 31, 1949, supplement to Union list of serials, 3d edition, 1963 cumulation; prepared under sponsorship of Joint Committee on Union List of Serials. 1964. xii+2035 p. 4° [Supersedes 1962 volume.] † Cloth, \$76.25 a yr. (monthly issues and cumulative annual volume); annual volumes for 1961 and later are not sold separately, Card Division.
L.C. card 53-60021 rev. 3 LC 1.23/4: 963
- 14720 Proceedings of 3d assembly on library functions of States, held Nov. 13-15, 1963; edited by Mary A. McKenzie. 1964. vi+103 p. il. 4° (Exchange and Gift Division, Processing Department.) † Exchange and Gift Division, Library of Congress (available to libraries and institutions only).
L.C. card 59-60924 LC 30.14: 964

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

Page 67

GOVERNMENT PUBLICATIONS

MARINE CORPS (Navy), Defense Dept.

- 14721 Marine Corps uniform regulations [Change 1]; Nov. 4, 1963. [1963.] [125] p. il. 4° (MCO P 1020.34A. Ch. 1.) [Issued in loose-leaf form.] * Paper, 65c. D 214.6: Un 3/ch.1
- 14722 — [Change 2]; Feb. 7, 1964. [1964.] [116] p. il. 4° (MCO P 1020.34A Ch. 2.) [Issued in loose-leaf form.] * Paper, 60c. D 214.6: Un 3/ch.2

MARITIME ADMINISTRATION, Commerce Dept.

MA SP (series).

C 39.210/2: (nos.)

- 14723 64-3. Golden Gate to tomorrow's American merchant marine, by Nicholas Johnson, Maritime Administrator, remarks delivered in San Francisco, Calif., June 24, 1964, at Propeller Club Port of San Francisco luncheon. [1964.] 8 p. 4° ([US-DC-COMM-38270.]) †
- 14724 64-4. Challenge constantly renewed, by Nicholas Johnson, Maritime Administrator, Department of Commerce, remarks delivered at commencement exercises of United States Merchant Marine Academy, Kings Point, L.I., N.Y., July 27, 1964. [1964.] 6 p. 4°
- 14725 Merchant fleets of world, seagoing steam and motor ships of 1,000 gross tons and over as of Dec. 31, 1963; [prepared by Office of Statistics]. [May 12, 1964.] [2]+18 p. 4° ([Report MAR-560-20.]) * Paper, 15c. ● Item 236-B L.C. card 59-61277 C 39.212: 963
- 14726 Seafaring wage rates, Atlantic, Gulf and Pacific districts, June 1964; [prepared by Office of Statistics, Division of Labor Data]. [1964.] cover title, [2]+83 p. 4° ([Report MAR-560-1.]) † Commerce Dept. \$1.00. L.C. card 64-62128 C 39.202: W 12

MEDICINE AND SURGERY BUREAU (Navy), Defense Dept.

- 14727 Manual of Medical Department, page change 17; June 8, 1964. [1964.] [12] p. 4° [Issued in loose-leaf form. Includes checklist of pages in effect.] † D 206.8/2: 952/ch.17
- 14728 Summaries of research reported on during 1963; [prepared by Jessie W. Kohl]. [Dec. 31, 1963.] cover title, vi+17 p. 4° (Naval Medical Research Laboratory, Submarine Base, New London, Conn.) ‡ L.C. card 54-60661 D 206.17: 963

MINES BUREAU, Interior Dept.

- 14729 Beryllium; by Donald E. Eilertsen. [1963.] [2]+10 p. [Preprint from Minerals yearbook, 1962, v. 1.] * Paper, 10c. I 28.37/a: B 463/962
- 14730 Bismuth; by Donald E. Moulds. [1964.] [2]+5 p. [Preprint from Minerals yearbook, 1963, v. 1.] * Paper, 5c. I 28.37/a: B 542/963
- 14731 Bromine; by William C. Miller. [1964.] [2]+6 p. [Preprint from Minerals yearbook, 1963, v. 1.] * Paper, 5c. I 28.37/a: B 788/963
- 14732 Cadmium; by H. J. Schroeder. [1964.] [2]+8 p. il. [Preprint from Minerals yearbook, 1963, v. 1.] * Paper, 10c. I 28.37/a: C 114/963
- 14733 Calcium and calcium compounds; by Clarence O. Babcock. [1964.] [2]+6 p. [Preprint from Minerals yearbook, 1963, v. 1.] * Paper, 5c. I 28.37/a: C 126/2/963
- 14734 Diatomite; by Benjamin Petkof. [1964.] [2]+5 p. il. [Preprint from Minerals yearbook, 1963, v. 1.] * Paper, 5c. I 28.37/a: D 543/963

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C., Unless Otherwise Indicated

AUGUST 1964

14735 Helium; by Harold W. Lipper. [1964.] [2]+9 p. [Preprint from Minerals yearbook, 1963, v. 2.] * Paper, 10c. I 28.37/a: H 367/963

Information circulars. I 28.27: (nos.)

14736 8212. Subsurface disposal of industrial wastes in United States [with list of references]; by Erle C. Donaldson. [1964.] [2]+ii+34 p. il. 4° [Based on work done in cooperation with Atomic Energy Commission.] † Mines Bureau, Pittsburgh, Pa. L.C. card 64-61419

14737 8216. Oil-shale technology, review [with list of references]; by H. M. Thorne [and others]. [1964.] [3]+24 p. 4° † Mines Bureau, Pittsburgh, Pa. L.C. card 64-62073

14738 8218. Research and technologic work on explosives, explosions, and flames, fiscal year 1962; by the staff, Explosives Research Laboratory. [1964.] [2]+ii+36 p. il. 4° † Mines Bureau, Pittsburgh, Pa. L.C. card 58-25417

14739 Kyanite and related minerals; by James D. Cooper. [1964.] [2]+5 p. [Preprint from Minerals yearbook, 1963, v. 1.] * Paper, 5c. I 28.37/a: K 98/963

14740 Magnesium; by Lloyd R. Williams and John W. Stamper. [1964.] [2]+10 p. [Preprint from Minerals yearbook, 1963, v. 1.] * Paper, 10c. I 28.37/a: M 274/2/963

Petroleum products survey (series). (Mineral industry surveys.)
† Mines Bureau, Pittsburgh, Pa.

14741 35. Motor gasoline, winter 1963-64; prepared by O. C. Blade. June 1964. cover title, [1]+40 p.+[5] leaves, il. 4° I 28.18/3: 35

14742 Petroleum refineries in United States, Jan. 1, 1964; [prepared by Charles E. Hennig]. July 15, 1964. [1]+12 p. 4° (Mineral industry surveys; Petroleum refineries, annual.) † Mines Bureau, Pittsburgh, Pa. L.C. card Int 59-68 I 28.17/2: 964

14743 [This entry number not used.]

Report of investigations. I 28.23: (nos.)

14744 6459. Cost estimates and optimum conditions for continuous-circuit leaching of mercury; by J. W. Town and W. A. Stickney. [1964.] [2]+ii+28 p. il. 4° † Mines Bureau, Pittsburgh, Pa.

14745 6460. Secondary oil recovery possibilities, Cow Run Sand, Burning Springs Pool, Wirt County, W. Va. [with list of references]; by James A. Wasson, Harry R. Johnson, and Dean W. Boley. [1964.] [2]+iii+57 p. il. 4° † Mines Bureau, Pittsburgh, Pa.

14746 6463. Preparation characteristics of coal from Hancock, Brooke, Ohio, and Marshall Counties, W. Va.; by Albert W. Deurbrouck. 1964. [2]+iii+34 p. il. [Includes list of other reports of investigations on characteristics of coal.] † Mines Bureau, Pittsburgh, Pa.

14747 6465. High-level gamma-ray dosimetry at Albany cobalt 60 facility [with list of references]; by Stephen D. Hill and F. E. Bolk. [1964.] [3]+16 p. il. 4° † Mines Bureau, Pittsburgh, Pa.

14748 6466. Continuous flotation of beryl from spodumene mill tailing, Foote Mineral Company, Kings Mountain, N.C., by James S. Browning, Thomas L. McVay, and Paul E. Bennett. [1964.] [2]+ii+24 p. il. 4° [Based on work done in cooperation with Foote Mineral Company, and University of Alabama.] † Mines Bureau, Pittsburgh, Pa.

14749 6467. Synthesis and some properties of fibrous silicon nitride [with list of references]; by Robert C. Johnson, Wilbur H. Warwick, and H. R. Shell. [1964.] [3]+25 p. il. 4° † Mines Bureau, Pittsburgh, Pa.

14750 6468. Petrographic study and classification of western phosphate ores [with bibliography]; by C. P. Mable and H. D. Hess. [1964.] [2]+iv+95 p. il. 4° † Mines Bureau, Pittsburgh, Pa.

14751 6469. Expanded investigation of beryllium solvent extraction of Spor Mountain, Utah, ore [with list of references]; by R. O. Dannenberg, Laird Crocker, and D. W. Bridges. [1964.] [2]+ii+31 p. il. 4° † Mines Bureau, Pittsburgh, Pa.

14752 6470. Hydrogenation of New Mexico coal at short residence time and high temperature [with list of references]; by Sam Friedman, Raymond W. Hiteshue, and Martin D. Schlesinger. [1964.] [2]+ii+28 p. il. 4° [Based on work done in cooperation with El Paso Natural Gas Co.] † Mines Bureau, Pittsburgh, Pa.

14753 6471. Hydraulic fracture treatments in Slade and Clarendon oil reservoirs, Warren County, Pa. [with list of references]; by Robert L. Rough and William E. Eckard. [1964.] [2]+ii+22 p. il. 4° † Mines Bureau, Pittsburgh, Pa.

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 69

GOVERNMENT PUBLICATIONS

Report of investigations—Continued

- 14754 6472. Case study of validity of scaling laws for explosion-generated motion [with list of references]; by Harry R. Nicholls. [1964.] [3]+14 p. il. 4°
† Mines Bureau, Pittsburgh, Pa.
- 14755 6473. Stainless steel fume hood for safety in use of perchloric acid; by W. E. Dieter, L. Cohen, and M. E. Kundick. [1964.] [3]+12 p. il. 4°
† Mines Bureau, Pittsburgh, Pa.
- 14756 6474. Methods of analyzing oilfield waters, selenium and tellurium [with list of references]; by A. Gene Collins, Cathy J. Waters, and Cynthia A. Pearson. [1964.] [3]+19 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 14757 6475. Perfluorocyclobutane, thermodynamic properties of real gas; by R. H. Harrison and D. R. Douslin. [1964.] [3]+14 p. il. 4° [Based on work done in cooperation with Office of Scientific Research of Air Research and Development Command, Air Force.] † Mines Bureau, Pittsburgh, Pa.
- 14758 6476. Infrared analysis of gases produced during molten salt electrolysis of metals [with list of references]; by J. L. Johnson, G. H. Cobb, and H. H. Heady. [1964.] [3]+11 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 14759 6477. Properties of hydraulic backfills and preliminary vibratory compaction tests [with list of references]; by David E. Nicholson and William R. Wayment. [1964.] [2]+iv+31 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 14760 6478. Manganese resources of Batesville District, Ark.; 3. Field investigations. July 1956–June 1961 [with list of references]; by R. B. Stroud. [1964.] [2]+ii+50 p. il., 2 maps in pocket, 4° † Mines Bureau, Pittsburgh, Pa.
- 14761 6480. Electrical resistivity of cerium metal from 4° to 300° K [with list of references]; by R. D. Smith and E. Morrice. [1964.] [3]+13 p. il. 4°
† Mines Bureau, Pittsburgh, Pa.
- 14762 6481. Smelting copper reverberatory slags to recover iron of low copper and sulfur content [with list of references]; by V. E. Edlund. [1964.] [3]+14 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 14763 6487. Design requirements for instrumentation to record vibrations produced by blasting [with list of references]; by Wilbur I. Duvall. [1964.] [3]+7 p. il. 4° † Mines Bureau, Pittsburgh, Pa.
- 14764 6494. Study of feasibility of using nuclear explosions to increase petroleum recovery [with list of references]; by Charles H. Atkinson and Robert T. Johansen. [1964.] [3]+18 p. il. 4° [Based on work done in cooperation with Atomic Energy Commission.] † Mines Bureau, Pittsburgh, Pa.
- 14765 Strontium; by Clarence O. Babcock. [1964.] [2]+3 p. [Preprint from Minerals yearbook, 1963, v. 1.] * Paper, 5c. I 28.37/a: St 89/963
- 14766 Sulfur in 1963, final annual figures; prepared by C. O. Babcock. June 26, 1964. 7 p. 4° (Mineral industry surveys; Sulfur, annual.) † Mines Bureau, Pittsburgh, Pa. I 28.63/2: 963

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

- NASA contractor report CR (series). NAS 1.26: (nos.)
- 14767 36. Experimentally determined model for periodic character of winds from 85 to 135 km [with list of references]; by E. Manring [and others]. July 1964. cover title, [1]+ii+110+[1] p. il. 4° [Prepared under contract NASw-712 by Geophysics Corporation of America, Bedford, Mass.] † Paper, \$2.50.
- 14768 37. Finite element solution for thin shells of revolution [with bibliography]; by Z. A. Lu, J. Penzien, and E. P. Popov. July 1964. cover title, vi+76 p. il. 4° [Prepared under grant NSG-274.63 by University of California, Berkeley, Calif.] † Paper, \$2.25. L.C. card 64-62081
- 14769 38. Ultraviolet spectroscopy of upper atmosphere [with list of references]; by R. O. Hundley. July 1964. cover title, vi+43 p. il. 4° [Prepared under contract NASr-21(07) by Rand Corporation, Santa Monica, Calif.] † Paper, \$1.25. L.C. card 64-62079
- 14770 44. Pyroelectric detection techniques and materials. Revised July 1964. July 1964. cover title, [1]+i+34+[7] p. il. 4° [Prepared under contract NASw-711 by Sperry Microwave Electronics Company, division of Sperry Rand Corporation, Clearwater, Fla.] † Paper, \$1.25.
- 14771 48. Rocket booster control: Time optimal control with amplitude and rate limited controls [with list of references]; by W. W. Schmaedeke and D. L. Russell. June 1964. cover title, [1]+i+37+[2] p. il. 4° [Prepared under contract NASw-563 by Minneapolis-Honeywell Regulator Company, Minneapolis, Minn.] † Paper, \$1.00.
- 14772 54. Study in cometary astrophysics; by Vincent J. DeCarlo. July 1964. cover title, [1]+ii+22+[1] p. il. 4° [Prepared under contract NASw-589 by Melpar, Inc., Falls Church, Va.] † Paper, 75c.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

AUGUST 1964

- 14773 57. Catalytic reduction of carbon monoxide with hydrogen [with list of references]; by S. D. Rosenberg [and others]. July 1964. cover title, v+31+[35] p. il. 4° [Prepared under contract NAS 7-225 by Aerojet-General Corporation, Azusa, Calif.] Φ Paper, \$2.00.
L.C. card 64-62196
- 14774 61. Infrared interference spectrometer, its evaluation, test, and calibration [with list of references]; by Lucien W. Chaney and Leslie T. Loh. June 1964. cover title, vi+53+[2] p. il. 4° [Prepared under contract NASR-54(03) by University of Michigan, Ann Arbor, Mich.] Φ Paper, \$1.50.
- 14775 62. Radiation damage to semiconductors by high-energy electron and proton radiation [with lists of references]; by John C. Corelli and H. B. Huntington. [July 1964.] [1]+i+68 p. il. 4° [Prepared under grant NsG-290 by Rensselaer Polytechnic Institute, Troy, N.Y.] Φ Paper, \$1.75.
- 14776 63. Simulator investigation of pilot performance during extended periods of low-altitude, high-speed flight [with bibliography]; by S. M. Soliday and B. Schohan. June 1964. cover title, viii+94+[1] p. il. 4° [Prepared under contract NASW-451 by North American Aviation, Inc., Columbus, Ohio.] Φ Paper, \$2.50.
- 14777 64. Nonlinear adaptive control systems with storage [with list of references]; by Naresh K. Sinha. June 1964. cover title, [1]+i+19+[1] p. il. 4° [Prepared under grant NsG-351 by University of Tennessee, Knoxville, Tenn.] Φ Paper, 75c.
- 14778 65. Natural frequencies in coupled bending and torsion of twisted rotating and nonrotating blades [with list of references]; by G. Isakson and J. G. Easley. July 1964. cover title, vii+77 p. il. 4° [Prepared under grant NsG-27-59 by University of Michigan, Ann Arbor, Mich.] Φ Paper, \$2.25.
L.C. card 64-62036
- 14779 66. Planetary physics; 1. Photoionization of atomic oxygen [with list of references]; by A. Dalgarno, R. J. W. Henry, and A. L. Stewart. July 1964. cover title, [1]+iii+19+[1] p. il. 4° [Prepared under contract NASW-840 by Geophysics Corporation of America, Bedford, Mass.] Φ Paper, 75c.
- 14780 67. Planetary physics; 2. Laboratory studies of chemiluminescence from atomic oxygen-nitric oxide reaction under upper atmospheric conditions [with list of references]; by N. Jonathan and G. Doherty. July 1964. cover title, [1]+i+29+[1] p. il. 4° [Prepared under contract NASW-840 by Geophysics Corporation of America, Bedford, Mass.] Φ Paper, \$1.25.
- 14781 68. Planetary physics; 3. Photoionization cross sections of rare gases [with list of references]; by J. A. R. Samson and F. L. Kelley. June 1964. cover title, v+67+[1] p. il. 4° [Prepared under contract NASW-840 by Geophysics Corporation of America, Bedford, Mass.] Φ Paper, \$2.00.
- 14782 69. Deployable centrifugally stabilized structures for atmospheric entry from space [with lists of references]; by H. U. Schuerch and R. MacNeal. July 1964. cover title, iii+34 p. il. 4° [Prepared under contract NASW-652 by Astro Research Corporation, Santa Barbara, Calif.] Φ Paper, \$1.00.
- 14783 70. Satellite determination of high-altitude water vapor [with list of references]; by E. C. May and A. B. Kahle. July 1964. cover title, [1]+9+[1] p. il. 4° [Prepared under contract NASR-21(07) by The Rand Corporation, Santa Monica, Calif.] Φ Paper, 50c.
- 14784 71. Structural behavior of composite materials [with list of references]; by Stephen W. Tsai. July 1964. cover title, [80] p. il. 4° [Prepared under contract NAS 7-215 by Philco Corporation, Newport Beach, Calif.] Φ Paper, \$2.00.
L.C. card 64-62086
- 14785 72. Project fog drops, investigation of warm fog properties and fog modification concepts [with lists of references]; by James E. Juusto. July 1964. cover title, [1]+vi+54+[9] p. il. 4° [Prepared under contract NASR-156 by Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y.] Φ Paper, \$1.75.
L.C. card 64-62080
- 14786 77. Research program related to vapor thermionic converters for nuclear applications [with list of references]; by A. O. Jensen. July 1964. cover title, [1]+viii+[107] p. il. 4° [Prepared under contract NAS 3-2529 by Electro-Optical Systems, Inc., Pasadena, Calif.] Φ Paper, \$2.50.
- 14787 78. Pigment particle size separation; by William J. Corbett and Clyde Orr, jr. July 1964. cover title, [1]+iii+43 p. il. 4° [Prepared under contract NAS 8-848 by Georgia Institute of Technology, Atlanta, Ga.] Φ Paper, \$1.25.
- 14788 80. Research on panel flutter [with list of references]; by D. R. Kobett. July 1964. cover title, [1]+viii+67+[1] p. il. 4° [Prepared under contract NASR-63(05) by Midwest Research Institute, Kansas City, Mo.] Φ Paper, \$2.00.
- 14789 81. Use of man in booster guidance and control [with list of references]; by F. A. Muckler and R. W. Obermayer. July 1964. cover title, [1]+i+35 p. il. 4° [Prepared under contract NASW-718 by Martin Company, Baltimore, Md.] Φ Paper, \$1.00.
- 14790 82. Performance measurement in flight simulation studies [with list of references]; by R. W. Obermayer and F. A. Muckler. July 1964. cover title, [1]+i+19 p. 4° [Prepared under contract NASW-718 by Martin Company, Baltimore, Md.] Φ Paper, 75c.

*For Sale by Superintendent of Documents
 Φ For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

NASA contractor report CR (series)—Continued

- 14791 83. Control system lags and man-machine system performance [with list of references]; by F. A. Muckler and R. W. Obermayer. July 1964. cover title, [I]+II+31 p. ll. 4°. [Prepared under contract NASw-718 by Martin Company, Baltimore, Md.] Φ Paper, \$1.00.
L.C. card 64-62083
- 14792 84. Extreme vacuum technology (below 10-13 Torr) and associated clean surface studies [with list of references]; by Paul J. Bryant, Charles M. Gosselin, and Lyle H. Taylor. July 1964. cover title, vi+1-22a, 23-70 p. ll. 4°. [Prepared under contract NASr-63(06) by Midwest Research Institute, Kansas City, Mo.] Φ Paper, \$2.00.
L.C. card 64-6133

NASA EP (series). ● Item 830-G

- 14793 16. Unmanned spacecraft of United States; by Edgar M. Cortright. [1964.] cover title, 16 p. ll. [Text on p. 2-4 of cover.] * Paper, 15c.
NAS 1.19: 16

NASA quality publication NPC 200 (series).

- 14794 1A. Quality assurance provisions for Government agencies. June 1964 edition. [1964.] cover title, v+[45] p. 4° [Supersedes Quality assurance provisions for inspection agencies (NPC 200-1), Apr. 1962 edition. Includes list of reference NASA publications. Issued with perforations.] * Paper, 35c. ● Item 830-M
L.C. card 64-61961
NAS 1.22: 1 A

NASA SP (series).

NAS 1.21: (nos.)

- 14795 49. Errata sheet A Meteorological observations above 30 kilometers. July 1964. 1 p. 4° \dagger ● Item 830-I
- 14796 3007. Tables for supersonic flow around right circular cones at small angle of attack [with bibliographies]; by Joseph L. Sims. 1964. v+422 p. ll. 4° (Scientific and Technical Information Division.) * Paper, \$2.25.
● Item 830-I
L.C. card 64-62085
- 14797 3010. Tables of complex Fresnel Integral [with list of references]; by C. William Martz. 1964. v+294 p. ll. 4° (Scientific and Technical Information Division.) Φ Paper, \$4.00.
L.C. card 64-62082
- 14798 7003. Lunar surface studies, continuing bibliography, selection of annotated references to unclassified reports and journal articles introduced into NASA information system during period Jan. 1962-Mar. 1964. 1964. [2]+III+65+31 p. 4° (Scientific and Technical Information Division.) Φ Paper, \$2.25.
L.C. card 64-61968
- 14799 7004. Communications satellites, continuing bibliography, selection of annotated references to unclassified reports and journal articles introduced into NASA information system Jan. 1962-Apr. 1964. July 1964. [2]+III+47+41 p. 4° (Scientific and Technical Information Division.) Φ Paper, \$1.00.
L.C. card 64-62141

NASA tech briefs. [Issued by Office of Technology Utilization Division to acquaint industry with technical content of innovation derived from NASA space program. Issued with perforations.] \dagger NAS 1.29: (nos.)

- 14800 63-10123. Elastic orifice automatically regulates gas bearings. June 1964. [2] p. ll. 4°
- 14801 63-10170. High-pressure regulating system prevents pressure surges. June 1964. [2] p. ll. 4°
- 14802 63-10289. Frictional wedge shock mount is inexpensive, has good damping characteristics. May 1964. [2] p. ll. 4°
- 14803 63-10340. Cryopumping of hydrogen in vacuum chambers is aided by catalytic oxidation of hydrogen. June 1964. [2] p. ll. 4°
- 14804 63-10344. Cooling method prolongs life of hot-wire transducer. June 1964. [2] p. ll. 4°
- 14805 63-10345. Apparatus facilitates high-temperature tensile testing in vacuum. June 1964. [2] p. ll. 4°
- 14806 63-10368. Composite, vacuum-jacketed tubing replaces bellows in cryogenic systems. June 1964. 1 p. ll. 4°
- 14807 63-10497. Integral coolant channels simply made by melt-out method. June 1964. [2] p. ll. 4°
- 14808 63-10512. Low-cost tape system measures velocity or acceleration. June 1964. [2] p. ll. 4°
- 14809 63-10514. Computer circuit will fit on single silicon chip. June 1964. [2] p. ll. 4°
- 14810 63-10519. Tool facilitates sealing of metal fill tubes. July 1964. [2] p. ll. 4°
- 14811 63-10528. Variable-transparency wall regulates temperatures of structures. June 1964. [2] p. ll. 4°
- 14812 63-10546. Test device prevents molecular bounce-back. July 1964. [2] p. ll. 4°

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

AUGUST 1964

- 14813 63-10555. Computer determines high-frequency phase stability. July 1964. [2] p. il. 4°
- 14814 63-10556. Lathe converted for grinding aspheric surfaces. July 1964. [2] p. il. 4°
- 14815 63-10600. Circuit controls transients in SCR inverters. June 1964. [2] p. il. 4°
- 14816 63-10603. Monostable circuit with tunnel diode has fast recovery. May 1964. [2] p. il. 4°
- 14817 63-10613. Cryogenic waveguide window is sealed with plastic foam. June 1964. 1 p. il. 4°
- 14818 64-10007. Low-power transistorized circuit provides staircase waveform. July 1964. [2] p. il. 4°
- 14819 64-10019. New method used to fabricate gallium arsenide photovoltaic device. June 1964. [2] p. il. 4°
- 14820 64-10024. Efficient circuit triggers high-current, high-voltage pulses. June 1964. [2] p. il. 4°
- 14821 64-10025. Improved electrode gives high-quality biological recordings. May 1964. [2] p. il. 4°
- 14822 64-10064. Digital logic elements provide additional functions from analog input. June 1964. [2] p. il. 4°
- 14823 64-10068. Mechanical properties of plastics predetermined by empirical method. July 1964. 1 p. 4°
- 14824 64-10080. Improved insertion-loss tester. June 1964. [2] p. il. 4°
- 14825 64-10108. Device induces lungs to maintain known constant pressure. July 1964. [2] p. il. 4°
- 14826 64-10114. Auxiliary silver electrode eliminates 2-step voltage discharge characteristic of silver-zinc cells. June 1964. [2] p. il. 4°
- 14827 64-10119. Buckle joins web straps quickly, adjusts easily. June 1964. [2] p. il. 4°
- 14828 64-10121. Electronic assembly rack panels snap on and off. June 1964. 1 p. il. 4°
- 14829 64-10124. Attachment converts microscope to point source autocollimator. July 1964. [2] p. il. 4°
- 14830 64-10142. Stringent cleaning technique assures reliable epoxy bond. June 1964. 1 p. 4°
- 14831 64-10145. Flexible fastener allows thermal expansion. June 1964. [2] p. il. 4°
- 14832 64-10146. Technique simulates effect of reduced gravity. June 1964. [2] p. il. 4°

NASA technical memorandum TM (series).

NAS 1.15: X-(nos.)

- 14833 X-969. National altitude rocket test facilities; by Jack A. Suddreth. June 1964. cover title, [1]+10+[1] p. il. 4° Φ Paper, 50c.
- 14834 X-978. Use of helium mass spectrometer leak detector [with bibliography]; by Earle W. Young. July 1964. cover title, [1]+iii+16+[1] p. il. 4° Φ Paper, 50c.

NASA technical note TN (series).

NAS 1.14: D-(nos.)

- 14835 D-1332. Errata, Measurements of effective heats of ablation of Teflon and polyethylene at convective heating rates, from 25 to 420 Btu/ft² sec; by Dale L. Compton, Warren Winovich, and Roy M. Wakefield. [July 6, 1964.] [2] p. il. 4° †
- 14836 D-1758. Use of solid circuits in satellite instrumentation; by Edgar G. Bush. July 1964. cover title, [1]+iii+8+[1] p. il. 4° Φ Paper, 50c.
- 14837 D-1810. Errata, Vibrational-nonequilibrium flow of nitrogen in hypersonic nozzles; by Wayne D. Erickson; June 1963. [July 27, 1964.] 6 leaves, il. 4° †
- 14838 D-1905. Application of integrated circuits to telemetry systems; by J. Michael Balderston. July 1964. cover title, [1]+iii+10+[1] p. il. 4° Φ Paper, 50c.
- 14839 D-1909. Exploration of atmosphere of Venus by simple capsule [with list of references]; by Rudolf A. Hanel. July 1964. cover title, [1]+iv+19+[1] p. il. 4° Φ Paper, 75c. L.C. card 64-62033
- 14840 D-1927. Comparison of theoretical and experimental stagnation-point heat transfer in arc-heated subsonic stream [with list of references]; by Ronald D. Brown. June 1964. cover title, [1]+23+[1] p. il. 4° Φ Paper, 75c.
- 14841 D-1999. Acoustic efficiency trends for high thrust boosters [with list of references]; by S. H. Guest. July 1964. cover title, iii+10+[1] p. il. 4° Φ Paper, 50c.
- 14842 D-2001. Errata, Touchdown dynamics analysis of spacecraft for soft lunar landing, by Robert E. Lavender, Jan. 1964. [July 6, 1964.] 1 p. 4° †
- 14843 D-2067. Effects of high sustained acceleration on pilots' performance and dynamic response [with list of references]; by Melvin Sadoff. July 1964. cover title, [1]+59+[1] p. il. 4° Φ Paper, \$1.50.
- 14844 D-2106. Effects of non-photochemical processes on meridional distribution and total amount of ozone in atmosphere [with list of references]; by Cuddapah Prabhakara. June 1964. cover title, [1]+iii+34+[1] p. il. 4° [Also published in Monthly weather review, v. 91, no. 9, Sept. 1963.] Φ Paper, \$1.00. L.C. card 64-62074

*For Sale by Superintendent of Documents

Φ For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

NASA technical note TN (series)—Continued

- 14845 D-2112. Supernovae, neutrinos, and neutron stars [with list of references]; by Hong-Yee Chiu. June 1964. cover title, [1]+iv+45+[1] p. il. 4° Φ Paper, \$1.25.
L.C. card 64-62031
- 14846 D-2149. Traveling wave tube re-entrant amplifier serrodyne system; by W. K. Allen, L. J. Ippolito and D. A. Nace. June 1964. cover title, [1]+iii+17+[2] p. il. 4° Φ Paper, 75c.
- 14847 D-2158. Statistical techniques for describing localized vibratory environments of rockets vehicles [with bibliographies]; by Robert E. Barrett. July 1964. cover title, vi+57+[2] p. il. 4° Φ Paper, \$1.75.
- 14848 D-2253. Errata, Analytical evaluation of possible noncryogenic propellants for electrothermal thrusters, by John W. Schaefer and John Ferrante, Mar. 1964. [July 6, 1964.] 1 p. 4°
- 14849 D-2262. Errata, Similar solutions of boundary layer equations for purely viscous non-Newtonian fluids; by C. Sinclair Wells, jr., Apr. 1964. [July 1964.] 1 p. 4° †
- 14850 D-2286. Cryogenic solutions and solubilities in liquid fluorine [with list of references]; by Robert E. Seaver. June 1964. cover title, [1]+15+[1] p. il. 4° Φ Paper, 50c.
- 14851 D-2287. Effects of interstitial impurities on low-temperature tensile properties of tungsten [with list of references]; by Joseph R. Stephens. June 1964. cover title, [1]+14+[1] p. il. 4° Φ Paper, 50c.
- 14852 D-2291. Stalling and tumbling of radio-controlled parawing airplane model [with list of references]; by Charles E. Libby and Joseph L. Johnson, jr. July 1964. cover title, [1]+13+[2] p. il. 4° Φ Paper, 50c.
- 14853 D-2298. Technique for thrust-vector orientation during manual control of lunar landings from synchronous orbit [with list of references]; by L. Keith Barker and M. J. Queijo. June 1964. cover title, [1]+31+[2] p. il. 4° Φ Paper, \$1.00.
- 14854 D-2303. Goddard Space Flight Center contributions to COSPAR meeting, June 1963 [articles, with lists of references]. June 1964. cover title, [1]+iii+90+[1] p. il. 4° Φ Paper, \$2.25.
- 14855 D-2308. Analytical determination of take off performance of some representative supersonic transport configurations [with list of references]; by Robert L. Weirich. June 1964. cover title, [1]+23+[1] p. il. 4° Φ Paper, 75c.
- 14856 D-2311. MRIR-PCM telemetry system, practical example of microelectronic logic design; by Paul M. Feinberg. July 1964. cover title, [1]+iii+18+[1] p. il. 4° Φ Paper, 75c.
- 14857 D-2313. Data report on whistlers observed by Vanguard III (1959 71) [with list of references]; by Ivan R. Shapiro, John D. Stolarik, and James P. Heppner. July 1964. cover title, [1]+iii+27+[1] p. il. 4° Φ Paper, \$1.00.
- 14858 D-2314. Flight vibration data of Aerobee 150A sounding rocket [with bibliography]; by James A. Nagy and Gomer L. Coble, jr. June 1964. cover title, [1]+iii+26+[1] p. il. 4° Φ Paper, 75c.
- 14859 D-2315. Medium-data-rate digital telemetry system; by Marjorie R. Townsend, Paul M. Feinberg, and John G. Lesko, jr. June 1964. cover title, [1]+iii+10+[1] p. il. 4° [Supersedes Goddard Space Flight Center document X-650-63-194, Sept. 1963.] Φ Paper, 50c.
- 14860 D-2317. Efficient PCM error correction and synchronization code [with list of references]; by Marvin S. Maxwell and Richard L. Kutz. June 1964. cover title, [1]+iii+14+[1] p. il. 4° Φ Paper, 50c.
- 14861 D-2320. Designing toroidal inductors with dc bias; by G. D. Smith. June 1964. cover title, [1]+iii+9+[1] p. il. 4° Φ Paper, 50c.
- 14862 D-2321. Welded electronic module fabrication; by John C. Lyons and David R. Darge. June 1964. cover title, [1]+iii+9+[1] p. il. 4° Φ Paper, 50c.
- 14863 D-2322. Integrated system for collecting and analyzing environmental test data; by Philip Yaffee [and others]. June 1964. cover title, [1]+iii+13+[2] p. il. 4° Φ Paper, 50c.
- 14864 D-2326. Experimental investigation of highly underexpanded free-jets impinging upon parallel flat surface [with list of references]; by Allen R. Vick and Earl H. Andrews, Jr. June 1964. cover title, [1]+57+[1] p. il. 4° Φ Paper, \$1.50.
- 14865 D-2327. Comparison of experimental free-jet boundaries with theoretical results obtained with method of characteristics [with list of references]; by Allen R. Vick [and others]. June 1964. cover title, [1]+103+[1] p. il. 4° Φ Paper, \$2.25.
- 14866 D-2328. Comparison of hypersonic aerodynamic characteristics of some simple winged shapes in air and helium [with list of references]; by Thomas A. Blackstock and Charles L. Ladson. June 1964. cover title, [1]+40+[1]+p. il. 4° Φ Paper, \$1.00.
- 14867 D-2332. Control-surface interaction effects on delta-wing windward pressures at Mach number of 6.83 at high angles of attack [with list of references]; by Luther Neal, jr., and David E. Fetterman. June 1964. cover title, [1]+45+[1] p. il. 4° Φ Paper, \$1.25.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 14868 D-2333. Theoretical study of Martian and Cytherian ionospheres [with list of references]; by R. B. Norton. July 1964. cover title, [1]+1+55+ [1] p. il. 4° [Prepared under NASA order R-65 by National Bureau of Standards, Department of Commerce.] Φ Paper, \$1.50.
L.C. card 64-62084
- 14869 D-2336. Preliminary analysis of variation of pitch motion of vehicle in space environment due to fuel sloshing in rectangular tank [with list of references]; by Donald G. Elde. June 1964. cover title, [1]+48+ [1] p. il. 4° Φ Paper, \$1.25.
- 14870 D-2337. Flight evaluation of 3 techniques of demonstrating minimum flying speed of delta-wing airplane [with list of references]; by Bruce G. Powers and Neil W. Matheny. July 1964. cover title, [1]+29+[1] p. il. 4° Φ Paper, 75c.
- 14871 D-2338. Simple abort scheme for lunar landings [with list of references]; by G. Kimball Miller, jr., and L. Keith Barker. June 1964. cover title, [1]+49+[1] p. il. 4° Φ Paper, \$1.25.
- 14872 D-2339. Correlation graphs for supersonic flow around right circular cones at zero yaw in air as perfect gas [with list of references]; by Mitchel H. Bertram. June 1964. cover title, [1]+21+[1] p. il. 4° Φ Paper, 75c.
- 14873 D-2340. Heat-transfer measurements on flat plate and attached fins at Mach numbers of 3.51 and 4.44 [with list of references]; by Earl A. Price, Paul W. Howard and Robert L. Stallings, jr. June 1964. cover title, [1]+36+[1] p. il. 4° Φ Paper, \$1.00.
- 14874 D-2341. Numerical method for design of camber surfaces of supersonic wings with arbitrary planforms [with list of references]; by Harry W. Carlson and Wilbur D. Middleton. June 1964. cover title, [1]+18+[1] p. il. 4° Φ Paper, 50c.
- 14875 D-2342. Parametric study of hypersonic flow fields about blunt-nosed cylinders at zero angle of attack [with list of references]; by James E. Terry and Carlton S. James. July 1964. cover title, [1]+55+[1] p. il. 4° Φ Paper, \$1.50.
- 14876 D-2343. Capability of proportional-type lateral control system in providing aerodynamic heading-angle trajectory control during reentry [with list of references]; by Gene W. Sparrow. July 1964. cover title, [1]+36+[1] p. il. 4° Φ Paper, \$1.00.
- 14877 D-2344. Flow evaluation in arc-heated hypersonic wind tunnel [with list of references]; by Roger B. Stewart and John E. Grimaud. July 1964. cover title, [1]+30+[1] p. il. 4° Φ Paper, 75c.
- 14878 D-2345. Experimental evidence of degradation effects in short samples of hard superconductors [with list of references]; by John C. Fakan and Edward R. Schrader. June 1964. cover title, [1]+11+[1] p. il. 4° Φ Paper, 50c.
- 14879 D-2346. Low-speed longitudinal aerodynamic investigation of parawings as auxiliary lifting devices for supersonic airplane configuration [with list of references]; by W. Pelham Phillips. July 1964. cover title, [1]+55+[1] p. il. 4° Φ Paper, \$1.50.
- 14880 D-2347. Spectrographic data obtained from reentries at 10.9 and 8.1 kilometers per second of 2 stages of Trailblazer IIB [with list of references]; by Kenneth H. Crumbly. July 1964. cover title, [1]+21+[1] p. il. 4° Φ Paper, 75c.
- 14881 D-2349. Low-subsonic aerodynamic characteristics of delta-wing recovery device for nonlifting spacecraft [with list of references]; by George M. Ware. July 1964. cover title, [1]+17+[1] p. il. 4° Φ Paper, 50c.
- 14882 D-2350. Afterbody pressures on 2-dimensional boattailed bodies having turbulent boundary layers at Mach 5.93 [with list of references]; by W. Frank Staylor and Theodore J. Goldberg. July 1964. cover title, [1]+36+[2] p. il. 4° Φ Paper, \$1.00.
- 14883 D-2352. Aerodynamic characteristics of several proposed versions of Saturn V launch vehicle at Mach numbers 1.57 to 4.65; by Dennis E. Fuller and Roger H. Fournier. July 1964. cover title, [1]+32+[1] p. il. 4° Φ Paper, \$1.00.
- 14884 D-2354. Flight investigation of ablation on blunted cylinder-flare configuration to Mach number of 8.48 [with list of references]; by Clyde W. Winters and William G. Witte. July 1964. cover title, [1]+41+[1] p. il. 4° Φ Paper, \$1.25.
- 14885 D-2355. Radiance of earth and its limb in middle ultraviolet [with list of references]; by William C. Hraskey and Thomas B. McKee. July 1964. cover title, [1]+34+[1] p. il. 4° Φ Paper, \$1.00.
L.C. card 64-62149
- 14886 D-2357. Theoretical study of zero-field electron work function of metal immersed in gas, direct application to cesium thermionic diode [with list of references]; by Keung P. Luke and John R. Smith. July 1964. cover title, [3]+66+[2] p. il. 4° Φ Paper, \$1.75.
L.C. card 64-62032
- 14887 D-2358. Axial-load fatigue properties of PH 15-7 Mo stainless steel in condition TH 1050 at ambient temperature and 500° F [with list of references]; by Walter Ilg and Claude B. Castle. July 1964. cover title, [1]+23+[1] p. il. 4° Φ Paper, 75c.

*For Sale by Superintendent of Documents
 Φ For Sale by OTS, Commerce Dept.
 \bullet Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

NASA technical note TN (series)—Continued

- 14888 D-2360. Effects of leading-edge sweep on flutter characteristics of some delta-planform surfaces at Mach number of 15.4 [with list of references]; by Robert C. Goetz. July 1964. cover title, [1]+36+[2] p. il. 4° Φ Paper, \$1.00.
- 14889 D-2362. Rocket spectrophotometer airglow measurements in far ultraviolet [with list of references]; by W. G. Pastie, H. M. Crosswhite, and D. F. Heath. July 1964. cover title, [1]+24+[1] p. il. 4° [Prepared under grant NsG-193-62 by Johns Hopkins University, Baltimore, Md.] Φ Paper, 75c.
- 14890 D-2363. Quantum mechanical study of molecules, electronic states of diatomic molecules [with list of references]; by Roop C. Sahni. July 1964. cover title, [1]+46+[1] p. il. 4° [Prepared under grant NsG-76-60 by New York University, University Heights, New York, N.Y.] Φ Paper, \$1.25.
L.C. card 64-62148
- 14891 D-2364. Experimental investigation of radiation effects in semiconductors [with list of references]; by W. Dale Compton. July 1964. cover title, [1]+9+[1] p. il. 4° [Prepared under grant NsG-228-62 by University of Illinois, Urbana, Ill.] Φ Paper, 50c.
- 14892 D-2365. Analysis of non-linear noise in FDM telephony transmission over SSB-PM satellite communication system [with list of references]; by Paul J. Heffernan. July 1964. cover title, [1]+11+28+[2] p. il. 4° Φ Paper, \$1.00.
- 14893 D-2369. On transport properties of partially ionized gas in presence of electric and magnetic fields [with list of references]; by H. A. Hassan. July 1964. cover title, [1]+19+[1] p. 4° [Prepared under grant NsG-363 by North Carolina State College, Raleigh, N.C.] Φ Paper, 50c.
- 14894 D-2371. Vacancy formation in gold under high pressure [with list of references]; by Hubert H. Grimes. July 1964. cover title, [1]+[1] p. il. 4° Φ Paper, 50c.
- 14895 D-2372. Azimuthal magnetic field of thick, finite-length, helical solenoid [with list of references]; by Edmund E. Callaghan and James C. Stoll. July 1964. cover title, [1]+31+[1] p. il. 4° Φ Paper, \$1.00.
- 14896 D-2373. Review of stall characteristics of swept wings [with list of references]; by Charles W. Harper and Ralph L. Maki. July 1964. cover title, [1]+45+[1] p. il. 4° Φ Paper, \$1.25.
- 14897 D-2375. On modification of Hill's method of general planetary perturbations [with list of references]; by Peter Musen. July 1964. cover title, [1]+11+16+[2] p. 4° Φ Paper, 50c.
- 14898 D-2385. Comparison of heat-rejection and weight characteristics of several radiator fin-tube configurations [with list of references]; by Henry C. Haller. July 1964. cover title, [1]+34+[1] p. il. 4° Φ Paper, \$1.00.
- 14899 D-2391. YLR99-RM-1 rocket engine operating experience in X-15 aircraft [with information]; by James F. Maher, jr., C. Yawne Ottinger, and Vincent N. Capasso, jr. July 1964. cover title, [1]+25+[1] p. il. 4° Φ Paper, 75c.

NASA technical report R (series).

NAS 1.12; (nos.)

- 14900 163. Hypersonic shock-heated flow parameters for velocities to 46,000 feet per second and altitudes to 323,000 feet [with list of references]; by Paul W. Huber. Dec. 1963 [published 1964]. cover title, [1]+74+[1] p. il. 4° Φ Paper, \$2.00.
- 14901 172. Generalized treatment of plane electromagnetic waves passing through isotropic inhomogeneous plasma slab at arbitrary angles of incidence [with list of references]; by Calvin T. Swift and John S. Evans. Dec. 1963. cover title, [1]+1+41+[1] p. il. 4° Φ Paper, \$1.25.
- 14902 194. Discussion of Halphen's method for secular perturbations and its application to determination of long range effects in motions of celestial bodies, pt. 2 [with list of references]; by Arthur J. Smith, jr. June 1964. cover title, [1]+11+73+[2] p. il. 4° Φ Paper, \$2.00.
- 14903 198. Ground measurements of sonic-boom pressures for altitude range of 10,000 to 75,000 feet [with bibliographies]; by Harvey H. Hubbard [and others]. July 1964. cover title, [1]+43+[1] p. il. 4° [Supersedes NASA technical memorandum X-633, 1962.] Φ Paper, \$1.25.
- 14904 202. Theoretical aerodynamic characteristics of sharp and circularly blunt-wedge air foils [with list of references]; by Joseph W. Cleary and John A. Axelson. July 1964. cover title, [1]+33+[1] p. il. 4° Φ Paper, \$1.00.
- 14905 203. Theory of tumbling bodies entering planetary atmospheres with application to probe vehicles and Australian tektites [with list of references]; by Murray Tobak and Victor L. Peterson. July 1964. cover title, [1]+40+[1] p. il. 4° Φ Paper, \$1.00.

NASA technical translation TT (series).

NAS 1.13/2; F-(nos.)

- 14906 F-100. Meteoritics, no. 19 [with lists of references]; by Ye. S. Burksler et al. June 1964. cover title, [1]+1+206+[1] p. il. 4° [From Izdatel'stvo Akademii Nauk SSSR, 1960.] Φ Paper, \$3.50.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 14907 F-126. Cosmic rays [articles, with lists of references]; edited by S. N. Vernov and L. I. Dorman. July 1964. cover title, [1]+ii+294+[2] p. il. 4° [From IGY program, sec. 7, no. 3, Izdatel'stvo Akademii Nauk SSSR Moscow, 1961.] Φ Paper, \$4.00.
- 14908 F-127. Cosmic rays [papers, with lists of references]; edited by S. N. Vernov and L. I. Dorman. June 1964. cover title, [1]+iii+2-390+[1] p. il. 4° [From IGY program, sec. 7, no. 4, Izdatel'stvo Akademii Nauk SSSR Moscow, 1961.] Φ Paper, \$5.00.
- 14909 F-150. Actinometry, atmospheric optics and nuclear meteorology, selected articles [with lists of literature cited]; by N. N. Gorokhovskaya et al. June 1964. cover title, [3]+120 p.+[2] leaves, il. 4° [From Akademiya Nauk Litovskoy SSR, Institut Geologii i Geografii Nauchnyye Soobshcheniya, tom 13, Vilnius, 1962.] Φ Paper, \$2.75.
- 14910 F-164. Problems of spatial perception and spatial concepts [with bibliographies]; edited by B. G. Anan'yev and B. F. Lomov. June 1964. cover title, v+273+[4] p. il. 4° [From Izdatel'stvo Akademii Pedagogicheskikh Nauk RSFSR, Moscow, 1961.] Φ Paper, \$4.00.
- 14911 F-172. Lunar radio emission, physical state and nature of moon's surface [with bibliographies]; by V. S. Treitskiy. July 1964. cover title, [1]+30+[1] p. il. 4° [From Izvestiya komissii po fizike planet, no. 3, 1961.] Φ Paper, 75c.
- 14912 F-173. Outline of clinical physiology of circulation [with bibliography]; by V. V. Parin and P. Z. Meyerson. June 1964. cover title, [1]+iv+519 p.+[2] leaves, il. 4° [From State Publishing House for Medical Literature (Medgiz), Moscow, 1960.] Φ Paper, \$7.00.
- 14913 F-198. Accelerometric precordial ballistocardiogram (kinetocardiogram) in hypertension [with bibliography]; by I. Ye. Oranskiy. July 1964. cover title, [1]+8+[2] p. il. 4° [From Terapevticheskiy arkhiv, v. 34, no. 12, 1962.] Φ Paper, 50c.
- 14914 F-205. Dynamocardiography [with bibliography]; by Ye. B. Babskiy and V. L. Karpman. July 1964. cover title, [1]+ii+140+[4] p. il. 4° [Translation of Dinamokardiografiya, published by State Publishing House for Medical Literature, Moscow, 1963.] Φ Paper, \$2.75.
- 14915 F-207. Absorption of atmospheric thermal radiation in 9.6 μ ozone band region [with list of references]; by K. Ya. Kondrat'yev and Kh. Yu. Niyllsk. June 1964. cover title, [1]+27+[2] p. il. 4° [From Problemy fiziki atmosfery, Sbornik 2, Izdatel'stvo Leningradskogo Universiteta, 1963.] Φ Paper, 75c.
- 14916 F-208. Thermal radiation of CO₂ in atmosphere [with list of references]; by K. Ya. Kondrat'yev and Kh. Yu. Niyllsk. July 1964. cover title, [1]+22+[1] p. il. 4° [From Problemy fiziki atmosfery, Sbornik 2, Izdatel'stvo Leningradskogo Universiteta, 1963.] Φ Paper, 75c.
- 14917 F-210. Spectra distribution of outgoing radiation [with list of references]; by K. Ya. Kondrat'yev and K. Ye. Yakushevskaya. June 1964. cover title, [1]+21+[1] p. il. 4° [From Problemy fiziki atmosfery, Sbornik 2, Izdatel'stvo Leningradskogo Universiteta, 1963.] Φ Paper, 75c.
- 14918 F-211. Infrared absorption spectrum of water in its liquid state [with list of references]; by K. Ya. Kondrat'yev et al. July 1964. cover title, [1]+27+[1] p. il. 4° [From Problemy fiziki atmosfery, Sbornik 2, Izdatel'stvo Leningradskogo Universiteta, 1963.] Φ Paper, 75c.
- 14919 F-212. Spectroscopic method of integral determination of water vapor content in column of atmosphere [with list of references]; by I. Ya. Badinov, A. P. Gal'tsev, and G. A. Nikol'skiy. June 1964. cover title, [1]+[1]+20+[2] p. il. 4° [From Problemy fiziki atmosfery, Sbornik 2, Izdatel'stvo Leningradskogo Universiteta, 1963.] Φ Paper, 50c.
- 14920 F-213. Investigation spectral distribution of shortwave radiation [with list of references]; by K. Ya. Kondrat'yev et al. July 1964. cover title, [1]+20+[2] p. il. 4° [From Problemy fiziki atmosfery, Sbornik 2, Izdatel'stvo Leningradskogo Universiteta, 1963.] Φ Paper, 50c.
- 14921 F-214. Nuclear processes in chromospheric flares [with list of references]; by B. M. Vladimirovskiy and A. B. Severnyy. July 1964. cover title, [1]+9+[1] p. 4° [From Izvestiya Krymskoy Astrofizicheskoy Observatorii, v. 29, Moscow, 1963.] Φ Paper, 50c.
- 14922 F-215. Temperature measurement of free atmosphere taking into account recombination of atoms [with list of references]; by A. F. Chizhov. July 1964. cover title, [1]+12+[2] p. 4° [From Trudy Tsentral'noy Aerologicheskoy Observatorii, no. 46, 1963.] Φ Paper, 50c.
- 14923 F-216. Equations of transverse vibrations of liquid-filled shells [with bibliography]; by B. I. Rabinovich. July 1964. cover title, [1]+11+[1] p. il. 4° [From Izvestiya Akademii Nauk SSSR, Mekhanika i mashinostroyeniye, no. 1, 1964.] Φ Paper, 50c.
- 14924 F-219. Equations of axially symmetric vibrations of liquid-filled cylindrical shell [with bibliography]; by V. P. Shmakov. July 1964. cover title, [1]+11+[1] p. il. 4° [From Izvestiya Akademii Nauk SSSR, Mekhanika i Mashinostroyeniye, no. 1, 1964.] Φ Paper, 50c.
- 14925 F-220. Application of method of photoelastic coatings to determination of stresses and deformations in flexible plates and shells [with bibliography]; by M. Kh. Akhmetzyanov. July 1964. cover title, [1]+8+[2] p. il. 4° [From Izvestiya Akademii Nauk SSSR, Mekhanika i mashinostroyeniye, no. 1, 1964.] Φ Paper, 50c.

*For Sale by Superintendent of Documents

Φ For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 77

GOVERNMENT PUBLICATIONS

NASA technical translation TT (series)—Continued

- 14926 F-229. Investigation of upper layers of atmosphere and space, bibliography. July 1964. cover title, [1]+69+[1] p. 4° [From Bibliograficheskiy bulletin' 2, 1964.] † Paper, \$1.75.
- 14927 Semiannual procurement report, July 1–Dec. 31, 1963; [prepared by Reports and Statistics Division, Office of Procurement], NASA Headquarters. [1964.] cover title, [4]+60 p. il. 4° † NAS 1.30: 963-2
- 14928 9th semiannual report to Congress, Jan. 1–June 30, 1963. [1964.] xvi+216 p. il. [Also issued as H. doc. 314, 88th Cong., 2d sess.] * Paper, \$1.00.
● Item 830-A
L.C. card 59-61976 NAS 1.1: 963
- 14929 Technology utilization publications [list]. May 1964. [6] p. narrow 8° †
NAS 1.9/2: T 22/2

NATIONAL AGRICULTURAL LIBRARY, Agriculture Dept.

Library list.

- 14930 75. Serial publications indexed in Bibliography of agriculture. 1964. cover title, 72 p. 4° †
L.C. card Agr 63-209 A 17.17: 75/2

NATIONAL ARCHIVES AND RECORDS SERVICE, General Services Administration

- 14931 Guide to genealogical records in National Archives; by Meredith B. Colket, jr. and Frank E. Bridges. 1964. x+145 p. (National Archives [publication 64-8].) * Paper, 50c. ● Item 569-B
L.C. card A 64-7048 GS 4.6/2: G 28

NATIONAL BUREAU OF STANDARDS, Commerce Dept.

Handbooks. ● Item 245

C 13.11: (nos.)

- 14932 97. Shielding for high-energy electron accelerator installations, recommendations of National Committee on Radiation Protection and Measurements [with list of references]. July 1, 1964. x+66 p. il. 12° (NCRP report 31.) * Paper, 30c.
L.C. card 64-60026
- 14933 98. Examination of farm milk tanks, manual for weights and measures officials [with list of references; by] Malcolm W. Jensen. May 22, 1964. 1v+36 p. il. 12° * Paper, 35c.
L.C. card 64-60037

Miscellaneous publications. ● Item 247

C 13.10: (nos.)

- 14934 259. Selection of camera filters for color photography. June 26, 1964. [2] p. 4° [Includes references to another publication of interest to photographers.] * Paper, 5c.
- 14935 260-1. Standard reference materials, preparation of NBS white cast iron spectrochemical standards [with list of references; by] Robert E. Michaelis and LeRoy L. Wyman. June 19, 1964. vi+31 p. il. 4° * Paper, 30c.
L.C. card 64-60045

Monographs. ● Item 247-A

C 13.44: (nos.)

- 14936 34, v. 2. Tables of chemical kinetics, homogeneous reactions (supplementary tables). July 1, 1964. ii+[269] p. 4° [Prepared in cooperation with National Research Council, Division of Chemistry, Committee on Kinetics of Chemical Reactions, and Project Office, Hepburn Hall, St. Lawrence University, Canton, N.Y. Text on p. 2 of cover. Issued in loose-leaf form. To accompany Circular 510, Supplements 1 and 2, and Monograph 34, v. 1.] * Paper, \$2.00.
L.C. card 52-60566
- 14937 71. Line parameters and computed spectra for water vapor bands at 2.7μ [articles, with lists of references; by] David M. Gates [and others]. Aug. 3, 1964. viii+126 p. il. 4° * Cloth, \$2.00.
L.C. card 63-62353
- 14938 76. Engineering method for calculating protection afforded by structures against fallout radiation [with bibliographies; by] Charles Eisenhauer. July 2, 1964. 1v+20 p. il. 4° * Paper, 20c.
L.C. card 64-60024

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Technical notes. ● Item 249-A C 13.46; (nos.)

- 14939 214. Absolute photometry of light of night sky, zenith intensity of Haleakala (latitude N 20.7°) and Fritz Peak (latitude N 39.0°) [with list of references; by] F. E. Roach and L. L. Smith. June 29, 1964. iv+52 p. il. 4° * Paper, 35c.
- 14940 216. Computation of Hankel functions [with list of references; by] Leslie A. Berry. June 12, 1964. iii+19 p. il. 4° * Paper, 20c.
- 14941 217. Bibliography of the thermophysical properties of argon from 0 to 300° K; [by] L. A. Hall, J. G. Hust, and A. L. Gosman. June 12, 1964. iii+102 p. 4° * Paper, 55c.
L.C. card 64-62035
- 14942 243. Survey of multiple charged ions [with list of references; by] Fred L. Mohler. [May 27, 1964.] [2]+13 p. 4° * Paper, 10c.

NATIONAL GUARD BUREAU, Defense Dept.

NGB pamphlets. † ● Item 358 D 12.8; (nos.)

- 14943 2-1-1. Publications, Index of National Guard Bureau publications (National Guard regulations, NGB pamphlets and NGB forms). May 28, 1964. cover title, [38] p. 4° (Departments of Army and Air Force.) [Issued with perforations. Supersedes issue of May 15, 1963.]
L.C. card 59-33633
- 14944 75-10-1. Federal property: Supply management report instructions. May 14, 1964. cover title, 43 p. 4° (Army and Air Force Departments.) [Supersedes NGB pamphlet 75-5-1, Aug 30, 1961. Issued with perforations. Effective July 1, 1964.]
- 14945 Official Army National Guard register, 1964; Jan. 1, 1964. 1964. viii+1015 p. (Army and Air Force Departments.) † ● Item 358-A
L.C. card 22-26684 D 12.9: 964

NATIONAL INSTITUTES OF HEALTH, Health, Education, and Welfare Dept.

- 14946 Alcoholism, selected bibliography; compiled by Carl L. Anderson. May 1964. [2]+13 p. 4° ([Public Health Service publication 1200]; Community Research and Services Branch, National Institute of Mental Health.) * Paper, 15c. ● Item 506-A-6 FS 2.22/13: A1 1
- 14947 Careers in psychiatry in Public Health Service, 8-year career development program in psychiatry. Revised Apr. 1964. [1964.] [4]+25 p. il. ([Public Health Service publication 1199]; National Institute of Mental Health.) * Paper, 25c. ● Item 507
L.C. card 64-62116 FS 2.22: P 95/8/964
- 14948 1963 directory of outpatient psychiatric clinics, psychiatric day-night services and other mental health resources in United States and territories, includes outpatient psychiatric clinics, psychiatric day-night services, State hospitals for mental disease, public institutions for mentally retarded, Veterans Administration hospitals, mental health associations, State departments dealing with mental health and mental retardation, regional offices, Department of Health, Education, and Welfare. [June 1964.] x+231 p.+[1] folded leaf. ([Public Health Service publication 1129]; National Institute of Mental Health.) [Prepared in cooperation with National Association for Mental Health, Inc.] * Paper, 70c. ● Item 507-A-5
L.C. card 64-62105 FS 2.22/38-4: 963
- 14949 Nursing at Clinical Center. [Revised 1964.] [1964.] cover title, 8 p. il. oblong 24° ([Public Health Service publications 468.]) [Supplement entitled Qualifications, salary scale, workweek, vacations, travel, insurance, promotion, retirement, designated publication 468-A, revised 1964, 8 p. narrow 12°, in pocket.] † ● Item 507 FS 2.22: N 93/2/964
- 14950 Patients in mental institutions, 1962: pt. 2, State and county mental hospitals; prepared by National Institute of Mental Health, Biometrics Branch, Hospital Studies Section. [1964.] 65 p. il. 4° ([Public Health Service publication 1143, pt. 2.]) † ● Item 494
L.C. card 42-37617 FS 2.59: 962/pt.2

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 14951 Public Health Service grants and awards, fiscal year 1962 funds: pt. 5. Summary tables for extramural programs; [prepared by Division of Research Grants, Statistics and Analysis Branch]. [1964.] vii+619 p. ([Public Health Service publication 964, pt. 5.]) [Errata, 1 p. oblong 24°, was issued also.] * Paper, \$1.75. ● Item 507-D
L.C. card 55-63042 FS 2.22/7: 962/pt.5
- Research profiles. ● Item 507-A-6 FS 2.22/43: (nos.)
- 14952 4. Summary of progress in hearing and speech disorders; prepared by Information Office, National Institute of Neurological Diseases and Blindness. Nov. 1963 [published 1964]. v+26 p. ([Public Health Service publication 1156.]) * Paper, 15c.
L.C. card 64-60983
- 14953 5. Summary of progress in mental retardation; prepared by Information Office, National Institute of Neurological Diseases and Blindness. Nov. 1963 [published 1964]. v+10 p. ([Public Health Service publication 1157.]) * Paper, 15c.
L.C. card 64-60983
- 14954 6. Summary of progress in multiple sclerosis; prepared by Information Office, National Institute of Neurological Diseases and Blindness. Nov. 1963 [published 1964]. v+7 p. il. ([Public Health Service publication 1158.]) [Included in annual statement made to Congress of United States by Director of National Institute of Neurological Diseases and Blindness.] * Paper, 15c.
L.C. card 64-60983
- 14955 7. Summary of progress in neuromuscular disorders; prepared by Information Office, National Institute of Neurological Diseases and Blindness. Nov. 1963 [published 1964]. v+7 p. il. ([Public Health Service publication 1159.]) * Paper, 15c.
L.C. card 64-60983
- 14956 8. Summary of progress in Parkinson's disease; prepared by Information Office, National Institute of Neurological Diseases and Blindness. Nov. 1963 [published 1964]. v+6 p. ([Public Health Service publication 1160.]) [Included in annual statement made to Congress of United States by Director of National Institute of Neurological Diseases and Blindness.] * Paper, 15c.
L.C. card 64-60983
- 14957 Smoking and the heart, related to Smoking and health, report of Advisory Committee to Surgeon General of Public Health Service; [prepared by Heart Information Center, National Heart Institute]. [1964.] [4] p. il. narrow 8° ([Public Health Service publication 1103-b.]) * Paper, \$2.00 per 100; single copy, 5c. ● Item 507 FS 2.22: Sm 7/2
- 14958 1962 statistical report, annual tabulations of Model Reporting Area for Blindness Statistics. Feb. 1964. iii+25 p. (Public Health Service [publication 1176]; Biometrics Branch, National Institute of Neurological Diseases and Blindness.) † ● Item 507-Y
L.C. card 64-62129 FS 2.22/37-2: 962

NATIONAL LABOR RELATIONS BOARD

- 14959 Digest of decisions of National Labor Relations Board, annual supplement, July 1, 1962-June 30, 1963; [prepared by Legal Research and Special Projects Branch]. [1964.] iv+54+847 p. * Paper, \$2.75.
● Item 826 LR 1.8/3: 962-63
- 14960 Hospitable reception for arbitration at Labor Board, address by Gerald A. Brown, member, National Labor Relations Board, before Eastern Conference of Teamsters Lawyers meeting, Atlantic City, N.J., June 30, 1964. [1964.] [1]+8 p. 4° (R-974.) † LR 1.7: B 81/7

NATIONAL MUSEUM, Smithsonian Institution

Bulletins. ● Item 919

SI 3.3: (nos.)

- 14961 236. Free-living Copepoda from Ifaluk Atoll in Caroline Islands with notes on related species [with list of literature cited; by] Willem Vervoort. 1964. 1x+431 p. il. (Museum of Natural History.) * Paper, \$1.75.
L.C. card 64-61951

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 14962 239. Recent mollusca of Augustus Addison Gould, illustrations of types described by Gould with bibliography and catalog of his species [and with list of literature cited; by] Richard I. Johnson. 1964. v+182 p. 45 pl. (Museum of Comparative Zoology, Museum of Natural History.) * Paper, \$1.50.
L.C. card 64-62072

NATIONAL PARK SERVICE, Interior Dept.

- 14963 Aztec Ruins National Monument, N. Mex. [Revised 1964.] [1964.] [6] p. il. † ● Item 650 I 29.21: Az 7/3/964
- 14964 Big Hole National Battlefield, Mont. [Revised 1964.] [1964.] 6 p. il. * Paper, 5c. ● Item 650 I 29.21: B 48/964
- 14965 Bryce Canyon National Park, Utah. [Revised 1964.] [1964.] 22+ [2] p. il. narrow 8° * Paper, 15c. ● Item 651 I 29.6: B 84/3/964
- 14966 Cape Henry Memorial, Va. [1964.] 8 p. il. narrow 8° * Paper, 5c. ● Item 650 I 29.21: C 17/4/964
- 14967 Devils Postpile National Monument, Calif. [Revised 1964.] [1964.] 6 p. il. narrow 8° * Paper, 5c. ● Item 650 I 29.21: D 49/3/964
- 14968 Fort Vancouver National Historic Site, Wash. [Revised 1964.] [1964.] [6] p. il. * Paper, 5c. ● Item 650 I 29.21: F 77v/964
- 14969 Grand Portage National Monument, Minn. [1964.] [12] p. 4° folded into narrow 8° size. * Paper, 15c. ● Item 650 I 29.21: G 76/2/964
- 14970 Great Sand Dunes National Monument, Colo. [Revised 1964.] [1964.] 10 p. il. narrow 8° * Paper, 10c. ● Item 650 I 29.21: G 79/2/964
- 14971 Hampton National Historic Site, Md. [Revised 1964.] [1964.] [8] p. il. * Paper, 5c. ● Item 650 I 29.21: H 18/964
- 14972 Lassen Volcanic National Park, Calif. [Revised 1964.] [1964.] [2] p. il. large 4°, folded into narrow 8° size. * Paper, 10c. ● Item 651 I 29.6: L 33/4/964
- 14973 Mount McKinley [with list of suggested reading]. [1964.] [24] p. il. narrow 8° * Paper, 15c. ● Item 651 I 29.6: M 86/20/964
- 14974 Natchez Trace Parkway, Miss., Ala., Tenn. [Revised 1964.] [1964.] [16] p. il. narrow 8° * Paper, 10c. ● Item 651 I 29.6: N 19/964
- 14975 National survey of historic sites and buildings. [1964.] [8] p. il. narrow 8° * Paper, 5c. ● Item 648 I 29.2: H 62/5/964
- 14976 Registry of national historic landmarks. [1964.] [8] p. il. narrow 8° * Paper, 5c. ● Item 648 I 29.2: H 62/8
- 14977 Sagamore Hill National Historic Site, Oyster Bay, Long Island, N.Y. [1964.] [12] p. il. narrow, 8° * Paper, 10c. ● Item 650 I 29.21: Sa 18/964
- 14978 Scotts Bluff National Monument, Nebr. [Revised 1964.] [1964.] [2] p. oblong 8°, folded into narrow 8° size. † ● Item 650 I 29.21: Sco 87/3/964
- 14979 Sequoia and Kings Canyon National Parks, Calif. [with list of other publications]. [Revised 1964.] [1964.] 24 p. il. narrow 8° * Paper, 15c. ● Item 651 I 29.6: Se 6/5/964
- 14980 Timpanogos Cave National Monument, Utah. [Revised 1964.] [1964.] [6] p. il. * Paper, 5c. ● Item 650 I 29.21: T 48/3/964
- 14981 Tuzigoot National Monument, Ariz. [Revised 1964.] [1964.] [6] p. il. * Paper, 5c. ● Item 650 I 29.21: T 89/2/964

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

NATIONAL RAILROAD ADJUSTMENT BOARD

- 14982 Awards 11336-420, 3d division, v. 115. Champlin-Shealy Company, Chicago, Ill. [1964.], [1]+999 p. † National Railroad Adjustment Board, Chicago, Ill. (Price upon application.)
L.C. card 36-26212 RA 1.9: 115
- 14983 Awards 11421-475, 3d division, v. 116. Champlin-Shealy Company, Chicago, Ill. [1964.] [1]+1043 p. il. † National Railroad Adjustment Board, Chicago, Ill. (Price upon application).
L.C. card 36-26212 RA 1.9: 116
- 14984 Awards 11476-520, 3d division, v. 117. Champlin-Shealy Company, Chicago, Ill. [1964.] [1]+1018 p. † National Railroad Adjustment Board, Chicago, Ill. (Price upon application).
L.C. card 36-26212 RA 1.9: 117
- 14985 Awards 11521-590, 3d division, v. 118. Champlin-Shealy Company, Chicago, Ill. [1964.] [1]+1030 p. † National Railroad Adjustment Board, Chicago, Ill. (Price upon application).
L.C. card 36-26212 RA 1.9: 118
- 14986 First division, v. 151, awards 20231-330. Champlin-Shealy Company, Chicago, Ill. [1964.] [1]+1023 p. † National Railroad Adjustment Board, Chicago, Ill. (Price upon application).
L.C. card 36-26211 RA 1.7: 151

NATIONAL SCIENCE FOUNDATION

- 14987 Current projects on economic and social implications of science and technology, 1963; [compiled by Suzanne Dovydenas]. [1964.] viii+158 p. (NSF 64-10.) * Paper, 50c. Item 834-V
L.C. card 59-64268 NS 1.23: 963
- 14988 Federal funds for research, development, and other scientific activities, fiscal years 1962-64, v. 12. [1964.] viii+180 p. il. 4° (Surveys of science resources series. NSF 64-11.) [Text on p. 2 of cover. Formerly Federal funds for science.] * Paper, \$1.00. ● Item 834-N
L.C. card 53-61515 NS 1.18: 12

NAVAL OBSERVATORY, Defense Dept.

- 14989 Astronomical phenomena for [calendar] year 1967; issued by Nautical Almanac Office. 1963 [published 1964]. xxxv+[33] p. il. [Preprint of selected pages from American ephemeris and nautical almanac.] * Paper, 35c. ● Item 396-A
L.C. card 51-60475 D 213.8/3: 967

NAVAL OCEANOGRAPHIC OFFICE, Defense Dept.

- 14990 National Oceanographic Data center announcement. [Irregular.] †
May 31, 1964— D 203.24/4: (date)
- 14991 National Oceanographic Data Center, list of fully processed oceanographic cruises [with list of reference sources completed Oct. 1, 1963-Feb. 28, 1964]. [1964.] 4+13 p. 4° †
D 203.24/3: C 88
- Publications. ● Item 378 (Rev. 1957) D 203.22: (nos.)
- 14992 114. Change 2, list of lights and fog signals: British Isles, English Channel and North Sea; June 13, 1964. 1964. [101] p. 4° [Includes list of effective pages and Notice to mariners 24, 1964. Issued in loose-leaf form.] † Paper, 50c.
- 14993 117A. Change 4, May 23, 1964, to Radio navigational aids, Atlantic and Mediterranean area. 1964. [184] p. [13] maps, 4° [Includes list of effective pages. Issued in loose-leaf form.] † Paper, 50c.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 14994 117B. Change 4, May 23, 1964, to Radio navigational aids, Pacific and Indian Oceans area. 1964. [157] p. il. 4° [Includes list of effective pages. Issued in loose-leaf form.] † Paper, 50c.
- 14995 249, v. 1. Sight reduction tables for air navigation (selected stars) epoch 1965.0. 1964 [reprint]. xiii+324 p. 4° [Prepared in cooperation with Naval Observatory and H. M. Nautical Almanac Office. Contains list of 57 selected stars replacing previous table 4, and GHA ν table not previously included. Tables on p. 2 and 3 of cover.] * Cardboard, \$2.50. L.C. card 64-61947

NAVAL OPERATIONS OFFICE, Defense Dept.

- 14996 Civil War naval chronology, 1861-65: pt. 4, 1864. [1964.] cover title, iii-iv +151 p. il. 4° (Naval History Division.) * Paper, 75c. ● Item 399
L.C. card 61-64600 D 207.2: C 49/pt.4

NAVAL PERSONNEL BUREAU, Defense Dept.

- 14997 Aviation machinist's mate J 3 & 2 [with reading list; prepared by Navy Training Publications Center]. [1964 edition.] [1964.] cover title, iv+247 p. il. 4° (Navy training course; NAVPERS 10341.) * Paper, \$1.50. ● Item 404
L.C. card 64-61916 D 208.11: Av 5/37
- 14998 Aviation storekeeper 3 & 2 [with reading list; prepared by Navy Training Publication Center, Memphis, Tenn.]. [1964 edition.] [1964.] cover title, iv+319 p. il. 4° (Navy Training Course; NAVPERS 10398-B.) † ● Item 404
L.C. card 64-61967 D 208.11: Av 5/16/964
- 14999 Engineering aid 1 & C [with reading list; prepared by Navy Training Publications Center]. [1964.] cover title, iv+293 p. il. 1 pl. 4° (Navy training course; NAVPERS 10635.) * Paper, \$2.00. ● Item 404
L.C. card 64-62193 D 208.11: En 3/6
- 15000 Navy fleet motion picture service manual. [Mar. 26, 1964.] [3]+22 p. +10+2 leaves, 4° (NAVPERS 15970.) [Issued with perforations.] † ● Item 403-A
D 208.6/3: M 85
- 15001 Servicing techniques for transistorized and printed circuits. July 1964. cover title, iii-vii+70 p. il. 4° (NAVPERS 93394.) † ● Item 403-A
L.C. card 64-61760 D 208.6/3: C 49

NAVAL RESEARCH OFFICE, Defense Dept.

Naval Training Device Center, Port Washington, N.Y.: Technical report NAVTRADEVCCEN (series).

- 15002 294-5. James J. Gibson on visual perception, analysis of selected papers [with bibliography; by] Milton W. Horowitz. Feb. 1964. cover title, iv+38 p. il. 4° (Educational Research Corporation, Cambridge, Mass.; contract N61339-294.) [Text on p. 2 of cover.] †
D 210.14: 294-5
- 15003 789-2. Further experiments on computer-aided learning of sound identification [with list of references; by] John A. Swets [and others]. Apr. 1964. cover title, v+46 p. il. 4° (Bolt Beranek and Newman Inc., Cambridge, Mass.; contract N61339-789.) [Text on p. 2 of cover. Issued with perforations.] †
D 210.14: 789-2
- 15004 1097-1. Design of internal environmental simulator, final engineering report for internal environmental simulator for man-machine system [with bibliography; by] R. A. Landes, R. B. Neveril, C. M. Tomsic. Oct. 1963. cover title, x+118+[106] p. il. 4° (MRD Division, General American Transportation Co., Niles, Ill.; contract N61339-1097.) [Text on p. 2 of cover.] †
D 210.14: 1097-1
- 15005 1205-2. Simulation of helicopter and V/STOL aircraft; v. 2, V/STOL analysis report, study, equations of motion of vertical/short take-off and landing operational flight/weapon system trainers [with bibliography; by] Walter McIntyre. Sept. 1963. cover title, v+110 p. il. 4° (Melpar, Inc., Falls Church, Va.; contract N61339-1205.) [Text on p. 2 of cover. Issued with perforations.] †
D 210.14: 1205-2
- 15006 IH-7. One-trial learning and quantum psychophysics, synthesis [with list of references; by] Richard J. Anderson. June 1964. [1]+1+8 p. 4° †
D 210.14: IH-7

*For Sale by Superintendent of Documents

‡For Sale by OTS, Commerce Dept.

●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 83

GOVERNMENT PUBLICATIONS

NRL report. (Naval Research Laboratory.)

- 15007 6048. Morphology of PbO₂ in positive plates of lead acid cells [with list of references; by] Jeanne Burbank. June 11, 1964. cover title, 9+[1] p. il. 4° †
D 210.8:6048

NAVAL WEAPONS BUREAU, Defense Dept.

NAVWEPS report. ● Item 410

- 15008 1488, v. 6. Handbook of supersonic aerodynamics, sec. 17. Ducts, nozzles and diffusers [with list of references]. Jan. 1964. xxvi+423 p. il. 4°
[Produced and edited by Aerodynamics Handbook Staff of Johns Hopkins University, Applied Physics Laboratory, Silver Spring, Md., operating under contract NOW 62-0604-c.] *Stiffboard \$3.25. L.C. card 50-60883 D 215.7:1488/v.6/sec.17
- 15009 Proceedings of rotating and static precision components symposium [papers, with lists of references]. Apr. 1964. ix+491 p. il. 4° ● Item 408-B-1
L.C. card 64-62112 D 217.2: C 73
- 15010 Signal generators, AN/USM-44 and AN/USM-44A, handbook, operating instructions. Jan. 15, 1960, reprint Jan. 1964. [2]+iv+22 p. il. 4° (NAVWEPS 16-30USM44-501 (USAF) T.O. 33A1-8-119-1.) [Issued in loose-leaf form. Supersedes NAVAER 16-30USM44-501, May 1, 1958.] † Paper, 75c. D 217.14: Si 2
- 15011 — handbook, overhaul instructions. June 1, 1956, revised Jan. 15, 1960, reprint Jan. 1964. [2]+ii+1-2A, 3-23 p. il. 4° (NAVWEPS 16-30USM44-503 (USAF) T.O. 33A1-8-119-3.) [Issued in loose-leaf form.] † Paper, 75c. D 217.14: Si 2/3
- 15012 — handbook, service instructions. July 1, 1955, revised Jan. 15, 1960, reprint Jan. 1964. [2]+iv+74+[11] p. il. 4° (NAVWEPS 16-30USM44-502 (USAF) T.O. 33A1-8-119-2.) [Issued in loose-leaf form.] † Paper, \$2.00. D 217.14: Si 2/2
- 15013 — illustrated parts breakdown. Jan. 15, 1960, reprint Aug. 1963. [2]+i+81 p. il. 4° (NAVWEPS 16-30USM44-504 (USAF) T.O. 33A1-8-119-4.) [Issued in loose-leaf form.] † Paper, \$2.25. D 217.14: Si 2/4

NAVY DEPARTMENT, Defense Dept.

- 15014 [Material Inspection Service] MIS administration manual, v. 2, chap. 6 [Administration of Government property in possession of contractors], and Property administration handbook [revised pages]; May 26, 1964. [1964.] [28] p. 4° (ONMINST 5000.3, Change 87; Office of Naval Material.) [Issued with perforations.] *Paper, 20c. ● Item 373
D 201.6: G 74/958/rev. pages-15
- 15015 New 4 ocean challenge; [by John S. McCain]. [1964.] [2]+48+[2] p. il. 4° [Published by Bureau of Naval Personnel, Office of Special Assistant for Leadership Development, with assistance of Editorial Services Branch, Office of Information, Navy Dept.] † ● Item 370
D 201.2: Oc 2
- 15016 United States Ship Thresher (SSN 593) in memoriam, Apr. 10, 1963; [compiled by the Staff, Deputy Commander Submarine Force, U.S. Atlantic Fleet]. [Apr. 1964.] xiv+[1]+146 p. il. 4° *Cloth, \$2.50. ● Item 370
L.C. card 64-62078 D 201.2: T 41

ORDNANCE CORPS (Army), Defense Dept.

- 15017 Evaluation of elastomers for potential use at cryogenic temperatures [with list of literature references]; by J. D. Rudy. May 13, 1963. iv+13 p. il. 4° (Rock Island Arsenal, Rock Island, Ill., report 63-1573, DA project 1-H-O-24401-A-110, AMC code 5026.11.842.) † Paper, 50c. (AD-412840). D 105.11/2: E1 1

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

PATENT OFFICE, Commerce Dept.

Classification bulletins. [Issued with perforations.] ● Item 252
C 21.3: (nos.)

- 15018 313, rev. 1. Class 219, Electric heating, containing classification definitions of above class revised by Office of Patent Classification of Patent Office, to include all changes through order 359, dated May 22, 1964. [1964.] [2]+6+108 p. 4° * Paper, \$1.25.
- 15019 460. Class 299, Mining or in situ disintegration of hard material, containing classification definitions of above class established by Office of Patent Classification of Patent Office by Classification order dated June 29, 1964. [1964.] [3]+19 p. 4° * Paper, 25c.

POST OFFICE DEPARTMENT

- 15020 Address by John A. Gronouski, Postmaster General, at chapter convention of National Association of Postmasters of United States, Anchorage, Alaska, July 10, 1964. [1964.] 8 leaves, 4° (General release no. 134; Information Service.) † P 1.27: G 89/20
- 15021 Address by John A. Gronouski, Postmaster General, at chapter convention of National Association of Postmasters of United States, Springville, Utah, July 16, 1964. [1964.] 8 leaves, 4° (Information Service, General release 141.) † P 1.27: G 89/21
- 15022 Address by John A. Gronouski, Postmaster General, at dedication of Air Mail Facility, Fairbanks, Alaska, July 10, 1964. [1964.] 8 leaves, 4° (General release no. 135; Information Service.) † P 1.27: G 89/19
- 15023 Address by John A. Gronouski, Postmaster General, at dedication of Federal Building, North Platte, Nebr., July 18, 1964. [1964.] 7 leaves, 4° (Information Service, General release 142.) † P 1.27: G 89/22
- 15024 Address by John A. Gronouski, Postmaster General, before National Clay Week banquet honoring postmasters of Ohio, Uhrichsville, Ohio, June 26, 1964. 7 leaves, 4° (General release 131; Information Service.) † P 1.27: G 89/18
- 15025 Agreement between Post Office Department and National Association of Letter Carriers AFL-CIO, National Association of Post Office and General Services Maintenance Employees, National Association of Special Delivery Messengers AFL-CIO, National Federation of Post Office Motor Vehicle Employees AFL-CIO, National Rural Letter Carriers Association, United Federation of Postal Clerks AFL-CIO, July 1, 1964-Oct. 31, 1965. [1964.] [1]+i+87 p. (POD publication 53.) * Paper, 30c. ● Item 837
L.C. card 64-61960 P 1.2: P 84/31/964-65
- 15026 1963 and 1964 agreements between Post Office Department and 6 employee organizations holding exclusive recognition with explanation of changes. June 22, 1964. cover title, i+99 p. oblong 8° † ● Item 837
L.C. card 64-62104 P 1.2: P 84/32
- 15027 Postage stamps of United States, illustrated description of all United States postage and special service stamps issued by Post Office Department, July 1, 1847-Dec. 31, 1963. 1964. [4]+252 p. il. ([POD publication 9, rev.]; Office of Special Assistant to Postmaster General.) [Pages 246-252 are left blank to be used for notes.] * Paper, \$1.25. ● Item 840
L.C. card 27-27645 P 4.10: 963
- 15028 Summation, [address by] John A. Gronouski, Postmaster General, Postmasters' Conference, Baltimore, Md., June 24, 1964. [1964.] 5 leaves, 4° (Information service, General release 132.) † P 1.27: G 89/17

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

PRESIDENT OF THE UNITED STATES

- 15029 President's Panel on Mental Retardation, report of task force on behavioral and social research [with list of references]; edited by William I. Gardner. Mar. 1964. vii+73 p. 4° [Published for President's Panel on Mental Retardation by Department of Health, Education, and Welfare.] * Paper, 45c. ● Item 851-J
L.C. card 64-61959 Pr 35.8: M 52/B 39
- Recreation Advisory Council: Circulars. † Interior Department. ● Item 851-J Pr 35.8: R 24/C 49/(nos.)
- 15030 1. Federal executive branch policy governing selection, establishment, and administration of national recreation areas. Mar. 20, 1963 [published 1964]. cover title, [1]+8 p. 16°
- 15031 2. General policy guidelines for outdoor recreation. Apr. 9, 1964. cover title, 15 p. 16° [Includes list of selected Federal statutes reflecting outdoor recreation policy.]
- 15032 3. Policy governing water pollution and public health aspects of outdoor recreation. Apr. 9, 1964. cover title, [1]+10 p. 16° [Includes list of guides and reference materials on environmental health aspects of recreation.]
- 15033 4. National program of scenic roads and parkways. Apr. 9, 1964. cover title, 7 p. 16°
- 15034 Remarks of Hobart Taylor, jr., executive vice chairman of President's Committee on Equal Employment Opportunity, and Associate Counsel to the President before Regional Conference of Community Leaders, Philadelphia, June 10, 1964. [1964.] 10 leaves, 4° † President's Committee on Equal Employment Opportunity. Pr 35.8: Em 7/T 21/5
- 15035 Remarks of Hobart Taylor, jr. to 5th annual Insurance Recognition Banquet of Chicago Insurance Association, Chicago, Ill., July 10, 1964. [1964.] 10 leaves, 4° (President's Committee on Equal Employment Opportunity.) † President's Committee on Equal Employment Opportunity. Pr 35.8: Em 7/T 21/6

PUBLIC DOCUMENTS DIVISION, Government Printing Office

- Price list PL (series). † ● Item 554
- 15036 68. Farm management, foreign agriculture, rural electrification, agricultural marketing; Apr. 1964. 46th edition. [1964.] [2]+22 p. L.C. card 26-26174 GP 3.9: 68/46
- 15037 Public papers of Presidents of United States [announcement and order form]. [1964.] 2 p. il. oblong 16°, folded into oblong 48° size † ● Item 552 GP 3.22: P 92/964
- 15038 Shopping for food, money, family and home, health, informed consumer is wise consumer [announcement and order form]. [1964.] [2] p. il. oblong 12°, folded into oblong 48° size. † ● Item 552 GP 3.22: F 73/964
- 15039 United States pavilion, New York World's Fair, where visitors will see displayed colorful array of representative Government publications [announcement and order form]. [1964.] 2 p. il. oblong 16°, folded into oblong 48° size † ● Item 552 GP 3.22: W 89/2

PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept.

- 15040 Accidental death and injury statistics. [1964.] ii+74 p. il. 4° ([Publication 1111]; Division of Accident Prevention.) [Includes tables on deaths for 1960 and injuries for period July 1959-June 1961.] * Paper, 45c. ● Item 485 FS 2.2: D 34/2
- 15041 Age-adjusted and age-specific death rates for malignant neoplasma, 1960. [1964.] vii+113 p. il. 4° ([Publication 1113, Dec. 1963].) * Paper, 75c. ● Item 485 L.C. card 64-61949 FS 2.2: N 35/2

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 15042 Annual fluoridation census report, National, State, and community experience, 1963. [1964.] [66] p. 4° (Division of Dental Public Health and Resources.) †
L.C. card 64-62115 FS 2.2: F 67/8/963

Bibliography series. ● Item 481-A

- 15043 46. Selected references on rheumatic fever, glomerulonephritis, and streptococcal infections, bibliography compiled from English Language, 1962; [compiled by Lucille T. Shoop]. [Apr. 1964.] iv+22 p. 4° ([Publication 1060, supp. 1]; Division of Chronic Diseases, Heart Disease Control Program.) †
L.C. card 63-65488 FS 2.21: 46

- 15044 Cancer mortality patterns among U.S. uranium miners and millers, 1950 through 1962 [with list of references; by] Joseph K. Wagoner [and others]. [1964.] p. 787-801. (Epidemiology Branch, National Cancer Institute Bethesda, Md., and Division of Occupational Health Field Station, Bureau of State Services, Salt Lake City, Utah.) [From Journal of National Cancer Institute, v. 32, no. 4, Apr. 1964.] †
FS 2.31/a: Ur 1

- 15045 Common intestinal protozoa of man, life cycle charts; prepared by M. M. Brooke and Dorothy M. Melvin. [Apr. 1964.] [3]+19 p. il. ([Publication 1140]; Communicable Disease Center, Atlanta, Ga.) [Charts were originally issued in 1960 as unnumbered publication by Laboratory Branch of Communicable Disease Center for use in training courses.] * Paper, 15c. ● Item 504
L.C. card 64-62071 FS 2.60/2: P 94

- 15046 Diabetes source book; [prepared by Gail F. Fisher and Helen M. Vavra]. [May 1964.] iv+48 p. oblong 12° ([Publication 1168]; Division of Chronic Diseases, Diabetes and Arthritis Program.) * Paper, 40c. ● Item 485
L.C. card 64-62134 FS 2.2: D 54/13

Environmental health series: Air pollution. (Division of Air Pollution.)

- 15047 AP-4. Air pollution and kraft pulping industry, annotated bibliography; by Paul A. Kenline, Jeremy M. Hales. Nov. 1963. v+122+[1] p. il. (Publication 999-AP-4.) †
L.C. card 64-61921 FS 2.300: AP-4

Health information series. ● Item 486 FS 2.50: (nos.)

- 15048 24. Measles, rubella. [Revised 1964.] [1964.] [4] p. narrow 8° ([Publication 303.]) * Paper, \$2.00 per 100; single copy, 5c.
15049 41. Malaria. [Revised 1964.] [1964.] [4] p. narrow 8° ([Publication 166.]) * Paper, \$2.00 per 100; single copy, 5c.
15050 75. Cancer of skin; [prepared by Research Information Branch, National Cancer Institute, National Institutes of Health]. [Revised 1963.] [1964.] [8] p. narrow 8° ([Publication 378.]) * Paper, \$3.25 per 100; single copy, 5c.

Health mobilization series. (Division of Health Mobilization.) ● Item 486-E FS 2.302: (letters-nos.)

- 15051 D-2. List of available training literature. June 1964. cover title, 20 p. ([Publication 1071 D-2; Training Branch.]) [Supersedes Oct. 1961 edition. Issued with perforations.] †
15052 F-9. Storage locations, pre-positioned and training civil defense emergency hospitals. Feb. 1, 1964. vi+119 p. oblong 8° ([Publication 1071 F-9.]) * Paper, 75c.
15053 F-10. Civil defense emergency hospital custodian's handbook. 1964. iii+28 p. il. 4° ([Publication 1071-F-10.]) [Issued with perforations.] * Paper, 25c.

- 15054 Indian health highlights; [by the staff, Office of Program Planning and Evaluation, Program Analysis and Statistics Branch]. 1964 edition. Apr. 1964. xxii+67 p. il. 4° (Bureau of Medical Services; Division of Indian Health.) [Edge index and instructions for use on p. 4 of cover.] †
L.C. card 59-62420 FS 2.2: In 25/9/964

*For Sale by Superintendent of Documents
‡For Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 15055 Insecticide formulation, instructive communication [with suggested references for additional reading]. [1964.] iv+49 p. il. 4° ([Publication 1185; Training Branch], Communicable Disease Center, Atlanta, Ga.) [Text on p. 2 and 3 of cover. Title on cover is: Insecticide formulation, self instructional lesson. Accompanied by Answer booklet, 10 p. il. 4°.] * Paper, 60c. ● Item 505-A
L.C. card 64-62122 FS 2.60/7: In 7/4
- 15056 International Research Group on Refuse Disposal (IRGR), Information bulletin 15, Aug. 1962, Information bulletin 16, Dec. 1962 [articles, translated by Ferguson, Brooks & Kelly, Consulting Engineers, Inc., Phoenix, Ariz. and Warren L. Armstrong Communicable Disease Center, U.S. Public Health Service, Atlanta, Ga.; edited by John S. Wiley]. [1964.] cover title, [1]+31+[1]+27 p. il. 4° [Published in French and German by Sekretariat: Eidg. Anstalt für Wasserversorgung Abwasserreinigung und Gewässerschutz, Physikstrasse 5, Zurich 7/44, Switzerland. Reprinted with permission.] * Paper, 40c.
L.C. card 64-62136 FS 2.2: In 85/3/no.15, 16
- 15057 Introduction to dental public health, self-instruction course [with bibliography; by Peter Pipe]. [1964.] vii+183 p. ([Publication 1134]; Division of Dental Public Health and Resources, Dental Health Center, San Francisco, Calif.) * Paper, 70c. ● Item 496-A
L.C. card 64-61951 FS 2.6/2: D 43/2
- 15058 List of health information leaflets and pamphlets of Public Health Service. [Revised May 1964.] [1964.] 5 p. 4° ([Publication 323.]) † ● Item 481-A
FS 2.24: In 3/964
- 15059 Mental retardation program of Division of Chronic Diseases. [June 1964.] [8] p. narrow 8° ([Publication 1194; Mental Retardation Branch, Division of Chronic Diseases.]) * Paper, \$3.00 per 100; single copy, 5c.
● Item 485 FS 2.2: M 52/6
- 15060 Neurological and sensory disease service program. [May 1964.] [10] p. il. narrow 8° ([Publication 1197; Division of Chronic Diseases, Neurological and Sensory Disease Service Program.]) * Paper, 10c. ● Item 485
FS 2.2: N 39/964
- 15061 Patients and personnel speak, method of studying patient care in hospitals [with list of references]; by Faye G. Abdellah and Eugene Levine. [Revised 1964.] [1964.] viii+40 p. il. 4° ([Publication 527]; Division of Nursing.) * Paper, 35c. ● Item 496-A
L.C. card 64-62109 FS 2.6/2: P 27/2
- 15062 Problem of sanitary protection of atmospheric air in USA [report of Soviet health officials on month-long, nationwide tour of American factories, medical schools, research institutes, Federal and local governmental air pollution facilities, and similar activities, begun Jan. 15, 1963]; translated by B. S. Levine. [1964.] [1]+12 p. 4° [From *Ciencia i sanitariya*, v. 28, no. 12, 1963.] †
FS 2.2: Ai 8/9
- 15063 Role of dentist in national disaster [with list of references]; prepared by Division of Health Mobilization, under contract with Office of Civil Defense, Department of Army. July 1964. [3]+14 p. 4° (Contract OCD-OS-63-65; subtask 2421D.) †
FS 2.2: D 43/25
- 15064 Sanitation facilities for Indians, what does P.L. 86-121 mean to you. [Revised 1964.] [1964.] [6] p. il. narrow 8° ([Publication 735]); Division of Indian Health.) † ● Item 485
FS 2.2: In 25/6/964
- 15065 Sewage treatment contract awards by location, 1963. June 1964. [2]+15 p. 4° (Division of Water Supply and Pollution Control, Basic Data Branch.) †
FS 2.56/2: 963

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

- 15066 Silicosis in metal mining industry, revaluation, 1958-61 [with lists of references; by] Robert H. Flinn [and others]. [1964.] xviii+238 p. il. ([Publication 1076.]) [Prepared in cooperation with Department of Interior, Bureau of Mines. Errata, 1 p. oblong 32°, was issued also.] * Paper, \$1.25. ● Item 485
L.C. card 64-61806 FS 2.2: Si 3/3
- 15067 State laws and regulations affecting mentally retarded, check-list; [prepared by Subcommittee on State laws in Mental Retardation of Advisory Committee to] Office of Special Assistant to the President for Mental Retardation. [1st printing, June 1964.] [1964.] [41]+27 p. 4° ([Publication 1193.]) * Paper, 25c. ● Item 485.
L.C. card 64-61977 FS 2.2: M 52/8
- 15068 Statistical summary of 1962 inventory, municipal waste facilities in United States [with list of references]; by Andrew C. Glass and Kenneth H. Jenkins. [1964.] iv+41 p. il. ([Publication 1165]; Division of Water Supply and Pollution Control.) * Paper, 20c. ● Item 487-B
L.C. card 64-61920 FS 2.71/2: 962/sum.
- 15069 Storage and retrieval of data for water quality control [with list of references]; by Richard S. Green. [1964.] iv+36 p. il. 4° (Division of Water Supply and Pollution Control.) [Material used as basis of presentation at Symposium on Environmental Measurements, Sept. 5, 1963, Cincinnati, Ohio.] † ● Item 485
L.C. card 64-61879 FS 2.2: W 29/51
- 15070 Venereal disease education, report of special subcommittee of Public Advisory Committee on Venereal Disease Control [with bibliographies.] [1964.] [3]+31 p. ([Publication 1190]; Communicable Disease Center, Venereal Disease Branch, Atlanta, Ga.) * Paper, 20c. ● Item 504
L.C. card 64-61800 FS 2.60/2: V 55/6
- Vital and health statistics: Series 11, Data from National Health Survey. (National Center for Health Statistics.) ● Item 500-E
- 15071 4. Blood pressure of adults by age and sex, United States, 1960-62, blood pressure measurement, and distributions and mean levels by age and sex; [by Tavia Gordon]. June 1964. [4]+40 p. il. 4° ([Publication 1000, series 11, no. 4: Division of Health Examination Statistics.]) * Paper, 35c.
FS 2.85/2: 11/no.4

PUBLIC ROADS BUREAU, Commerce Dept.

- 15072 Publications of Bureau of Public Roads. June 1964. [6] p. narrow 8° †
C 37.28: P 96/964
- 15073 Traffic assignment manual for application with large, high speed computer [with selected bibliography]. June 1964. [1]+vi+[287] p. il. 4° (Office of Planning, Urban Planning Division.) * Paper, \$1.50. ● Item 265-A
L.C. card 64-62145 C 37.6/2: T 67/2

RAILROAD RETIREMENT BOARD

- 15074 Legal opinions, rulings in administration of Railroad retirement act and Railroad unemployment insurance act, 1961. [1964.] iii+110 p. * Paper, 50c. ● Item 860-A
L.C. card 64-61953 RR 1.12: 961

RECLAMATION BUREAU, Interior Dept.

- 15075 Publications available for sale. July 1964. cover title, [2]+17 p. [Semi-annual.] †
I 27.10/2: 964/2
- 15076 Reclamation's recreational opportunities. [1964.] [2] p. oblong f°, folded into narrow 8° size. * Paper, 15c. ● Item 660 I 27.2: R 24/10/964

*For Sale by Superintendent of Documents
 ΦFor Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 15077 Special studies: Delivery of water to Mexico. Feb. 1963. [1]+xiv+108 p. 7 pl. 7 maps, 4° (Region 3, Boulder City, Nev.) [Two maps are colored.] †
L.C. card 63-61501 I 27.2: W 29/4

SHIPS BUREAU (Navy), Defense Dept.

- 15078 Automated approach to technical information retrieval, library applications [with list of references]; by John J. Nicolaus. Mar. 1964. cover title, ii+44 p. il. 4° (NAVSHIPS 250-210-2.) [Issued with perforations.] * Paper, 30c. ● Item 412
L.C. card 64-62119 D 211.2: Au 8

SMALL BUSINESS ADMINISTRATION

- Small business bibliographies. † ● Item 901-K SBA 1.3: (nos.)
15079 52. Store arrangement and display; by Ruth E. Valentine. May 1964 revision. [1964.] 8 p. 4° [Originally issued as Small business bulletin 52.]
L.C. card 64-61907
15080 73. Retail merchandising and promotion; by A. Hamilton Chute. Apr. 1964. 20 p. 4°
L.C. card 64-61715

SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept.

- 15081 Employee conduct [with bibliography]. June 1964. cover title, 31 p. il. 4°
* Paper, 30c. ● Item 516-C FS 3.6/3: Em 7
15082 Interviewing and counseling [basic supervisory training course]. June 1964. cover title, 28 p. il. 4° * Paper, 25c. ● Item 516 FS 3.6/3: In 8
OASI (series). ● Item 518-A FS 3.35: (nos.)
15083 29g. Social security disability insurance program, facts and figures. [May 1964.] cover title, 12 p. il. * Paper, 15c.
15084 36. Financing your social security benefits. [May 1964.] 12 p. oblong 48°
* Paper, \$5.00 per 100; single copy, 10c.
15085 854. What you can expect from your social security office [message from commissioner of social security]. [June 1964.] 12 p. il. oblong 24°
* Paper, 10c.
L.C. card HEW 64-84

Research and statistics notes, 1964 (series). (Division of Research and Statistics.) † FS 3.28/2: 964/(nos.)

- 15086 7. Estimated distribution by income class of OASDI benefits received by aged. Revised July 2, [1964.]. [1964.] [2] p. 4°
15087 8. Independent health insurance plans, 1963; [prepared by Louis S. Reed and Sylvia D. Kassalow]. June 16, 1964. 4+[5] p. 4°
15088 Social security programs throughout world, 1964. [1964.] xxv+[1]+223 p. 4° (Division of Research and Statistics.) * Paper, \$1.75. ● Item 516
L.C. card HEW 62-40 FS 3.2: So 13/17/964

SOIL CONSERVATION SERVICE, Agriculture Dept.

- 15089 Federal-State-private cooperative snow surveys, basic data summary of snow survey and soil moisture measurements for Western United States, including Columbia River drainage in Canada, 1962-63 season; [prepared by Hamer J. Stockwell]. Oct. 1963. [7]+75 p. 4° [Prepared in collaboration with California Department of Water Resources and British Columbia Department of Lands, Forest, and Water Resources. Illustration on p. 1 of cover.] †
L.C. card 64-62113 A 57.2: Sn 6/12/963

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 15090 Federal-State-private-cooperative summary of snow survey measurements for Wyoming, headwaters of Missouri, Columbia, Colorado and Great Basin, 1919-63; prepared by George W. Peak and Tommy A. George. Aug. 1963. [3]+108 p. il. map, 4° [Prepared in cooperation with State Engineer of Wyoming, U.S. Forest Service, Geological Survey, National Park Service, Bureau of Reclamation, and other Federal, State and private organizations.] †
L.C. card 59-60951 A 57.2: Sn 6/6/919-63

Soil survey series 1959. ● Item 102 (Rev. 1957)

- 15091 33. Caroline County, Md.; [by Earle D. Matthews]. Jan. 1964. cover title, [1]+53 p. 38 p. of pl. and maps, 1 tab. 4° [Prepared in cooperation with Maryland Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$2.25.
L.C. card Agr 64-362 A 57.38: 959/33

Soil survey series 1960. ● Item 102 (Rev. 1957) A 57.38: 960/(nos.)

- 15092 17. Cochran County, Tex. [with list of literature cited; by Allen L. Newman]. Mar. 1964. cover title, 1+80 p. il. 66 p. of pl. and maps, 4° [Prepared in cooperation with Texas Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$3.25.
L.C. card Agr 64-348
- 15093 18. Jackson County, Miss.; [by William A. Cole and Joseph H. Dent, jr.]. June 1964. cover title, [1]+65 p. il. 79 p. of pl. and maps, 4° [Prepared in cooperation with Mississippi Agricultural Experiment Station. Text on p. 2 of cover.] * Paper, \$3.75.
L.C. card Agr 64-349

STATE DEPARTMENT

- 15094 Amharic, basic course, units 1-50; [by] Serge Obolensky, Debebow Zelelie, Mulugeta Andualem. 1964. xviii+500+[1] p. il. 4° (Foreign Service Institute.) * Paper, \$2.25. ● Item 872-A
L.C. card 64-62147 S 1.114/2: Am 4/unit 1-50

Department and Foreign Service series. ● Item 863

- 15095 112. Information and travel tips, do's and don'ts. [June 1964.] [4] p. oblong 48° ([Publication 7528.]) †
S 1.69: 112
- 15096 Educational and cultural exchange program, 1963 fiscal year, American grantees, educational travel, students, teachers, lecturers, research scholars, specialists; compiled by Bureau of Educational and Cultural Affairs. May 1964. [1]+160 p. 4° † ● Item 868-A
L.C. card 55-61391 S 1.67/2: 963
- 15097 Fees charged by foreign countries for visa of United States passports. [June 1964.] 8 p. 4° (Passport Office; M-264.) * Paper, 5c. ● Item 876
S 1.2: V 82/2/964-2

- 15098 Interagency directory, key contacts for planning and development of educational, cultural, scientific and technical exchange programs; [compiled by Policy Review and Research Staff, Bureau of Educational and Cultural Affairs]. [1964.] cover title, [3]+28 p. 4° [Text on p. 1 of cover.] †
L.C. card 64-62114 S 1.67/3: 964

International boundary studies. ([Geographer, Office of Research in Economics and Science, Bureau of Intelligence and Research.]) †
S 1.119/3: (nos.)

- 15099 32. Cambodia-Laos boundary. June 12, 1964. cover title, [1]+5 p. map, 4°
15100 33. Burma-Laos boundary. June 18, 1964. cover title, [1]+4 p. map 4°
15101 34. China-Laos boundary. June 24, 1964. cover title, [1]+5 p. map, 4°

Near and Middle Eastern series. ● Item 883

- 15102 72. Middle East, indefinable region: [by G. Etzel Pearcy]. [June 1964.] [2]+12 p. il. 4° ([Publication 7684: Office of Media Services, Bureau of Public Affairs.]) [Reprint (revised) from Department of State bulletin, Mar. 23, 1959.] * Paper, 10c.
L.C. card 64-62138 S.86: 72

*For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

Page 91

GOVERNMENT PUBLICATIONS

- 15103 Some U.S. Government agencies engaged in international activities. Nov. 1963. [3] leaves+98+6 p. 4° (Bureau of Educational and Cultural Affairs [Policy Review and Research Staff].) †
L.C. card 64-62117 S 1.2: In 8/27
- 15104 Spanish basic course, units 31-45; [by] Robert P. Stockwell [and others]. 1959. [614] p. oblong 12° (Foreign Service Institute.) * Paper, \$3.25.
S 1.114/2: Sp 2/unit 31-45
- 15105 Spanish basic course, units 46-55; [by] B. David Trease, Jack L. Ulsh. 1962. [465] p. oblong 12° (Foreign Service Institute.) * Paper, \$2.50.
S 1.114/2: Sp 2/unit 46-55
- 15106 Studies in progress or recently completed: Arms control and disarmament [ACD-3]; compiled by Dallas Lloyd. May 1964. [5]+53 p. 4° (External Research Staff, [Bureau of Intelligence and Research].) [Semiannual. Compiled for Arms Control and Disarmament Agency.] † (Available to libraries, scholars, and universities only).
S 1.117/5: 3
- Treaties and other international acts series. * Paper, \$10.00 a yr. (approximately 150 issues), \$6.00 additional for foreign mailing; single copies vary in price. ● Item 899 S 9.10: (nos.)
- 15107 5565. Agricultural commodities, agreement between United States and Republic of Congo, signed Leopoldville Apr. 28, 1964, [entered into force Apr. 28, 1964]; with exchange of notes. [1964.] [2]+14 p. [English and French.] * Paper, 10c.
L.C. card 64-61867
- 15108 5566. Agricultural commodities, agreement between United States and Yugoslavia, signed Belgrade Apr. 27, 1964; [entered into force Apr. 27, 1964]; with exchange of notes. [1964.] [2]+9 p. * Paper, 10c.
L.C. card 64-61980
- 15109 5567. Agricultural commodities, sales under title 4, agreement between United States and Yugoslavia, signed Belgrade Apr. 27, 1964; [entered into force Apr. 27, 1964]; with exchange of notes. [1964.] [2]+7 p. * Paper, 10c.
L.C. card 64-61981
- 15110 5569. Agricultural commodities, sale under title 4, agreement between United States and Bolivia, amending agreement of Feb. 4, 1963, as amended, effected by exchange of notes, signed LaPaz, Apr. 27, 1964; [entered into force Apr. 27, 1964]. [1964.] [2]+4 p. * Paper, 5c.
L.C. card 64-61982
- 15111 5571. Agricultural commodities, agreement between United States and Yugoslavia, amending agreements of Jan. 5, 1955, Nov. 3, 1956, Dec. 22, 1958, Apr. 28, 1961, and Dec. 28, 1961, as amended effected by exchange of notes signed Belgrade Apr. 15, 1964; [entered into force Apr. 15, 1964]. [1964.] [2]+6 p. * Paper, 5c.
L.C. card 64-61868
- 15112 5575. Ionospheric research by satellites, agreement between United States and Canada, effected by exchange of notes, signed Ottawa May 6, 1964; [entered into force May 6, 1964]. [1964.] [2]+5 p. * Paper, 5c.
L.C. card 64-61869
- 15113 5577. Austrian property, rights and interests, agreement between United States and Austria signed Washington Jan. 30, 1959, [proclaimed by President of United States May 26, 1964; entered into force May 19, 1964]. [1964.] [2]+32 p. [English and German.] * Paper, 15c.
L.C. card 64-61870
- 15114 5578. Law of the sea, convention on Continental Shelf, between United States and other governments, done Geneva Apr. 29, 1958, [proclaimed by President of United States May 25, 1964, entered into force June 10, 1964]. [1964.] [2]+56 p. [English, French, Chinese, Russian, and Spanish.] * Paper, 20c.
L.C. card 64-61911
- 15115 5579. Agricultural commodities, agreement between United States and United Arab Republic, amending agreement of Oct. 8, 1962, as amended, effected by exchange of notes signed Cairo Apr. 20, 1964; [entered into force Apr. 20, 1964]. [1964.] [2]+4 p. * Paper, 5c.
L.C. card 64-61995
- 15116 5580. Agricultural commodities, agreement between United States and Republic of Philippines; signed Manila May 14, 1964; [entered into force May 14, 1964]; with exchange of notes. [1964.] [2]+10 p. * Paper, 10c.
L.C. card 64-61983
- 15117 5581. Trade, cereals, cereal products, and byproducts, agreement between United States and United Kingdom of Great Britain and Northern Ireland, effected by exchange of notes signed London Apr. 15, 1964; [entered into force Apr. 15, 1964]. [1964.] [2]+13 p. * Paper, 10c.
L.C. card 64-61997

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed in Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

- 15118 5582. Cultural relations, exchanges in scientific, technical, educational, cultural and other fields in 1964-65, agreement between United States and Union of Soviet Socialist Republics, signed Moscow Feb. 22, 1964; [entered into force Feb. 22, 1964, with effect from Jan. 1, 1964], with annexes. [1964.] [2]+87 p. [English and Russian.] * Paper, 30c.
L.C. card 64-62088
- 15119 5583. Port of Monrovia, transfer of title to Liberia, agreement between United States and Liberia, effected by exchange of notes signed Monrovia Apr. 13 and 14, 1964; [entered into force Apr. 14, 1964]. [1964.] [2]+3 p. * Paper, 5c.
L.C. card 64-61998
- 15120 5584. Trade, beef and veal, agreement between United States and Mexico, effected by exchange of notes, signed Washington May 14, 1964; [entered into force May 14, 1964]; with Mexican letter. [1964.] [2]+6 p. [Spanish and English.] * Paper, 5c.
L.C. card 64-62094
- 15121 5585. Agricultural commodities, agreement between United States and Brazil, amending agreement of Sept. 11, 1963, effected by exchange of notes signed Rio de Janeiro May 15, 1964; [entered into force May 15, 1964], with agreed minutes and exchanges of notes. [1964.] [2]+10 p. [Portuguese and English.] * Paper, 10c.
L.C. card 64-62095
- 15122 5586. Education, financing of educational and cultural programs, agreement between United States and Liberia, signed Monrovia May 8, 1964; [entered into force May 8, 1964]. [1964.] [2]+5 p. 4° * Paper, 5c.
L.C. card 64-62096
- 15123 5587. Continental radar defense system, phaseout of certain stations, agreement between United States and Canada, effected by exchange of notes signed Washington May 25, 1964; [entered into force May 25, 1964]. [1964.] [2]+2 p. * Paper, 5c.
L.C. card 64-62089
- 15124 5588. Agricultural commodities, sales under title 4, agreement between United States and China, amending agreement of Aug. 31, 1962, as amended, effected by exchange of notes signed Taipei June 3, 1964; [entered into force June 3, 1964]. [1964.] [2]+11 p. [English and Chinese.] * Paper, 10c.
L.C. card 64-62090
- 15125 5590. Defense, military assistance, agreement between United States and Dominican Republic, signed Santo Domingo Mar. 8, 1962; [entered into force June 10, 1964]. [1964.] [2]+9 p. [English and Spanish.] * Paper, 10c.
L.C. card 64-62091
- 15126 5591. Military mission, agreement between United States and Liberia, renewing and amending agreement of Jan. 11, 1951, as extended and amended, effected by exchange of notes signed Monrovia Dec. 17, 1963, and Apr. 24, 1964; [entered into force Apr. 24, 1964, effective Jan. 11, 1963]. [1964.] [2]+3 p. * Paper, 5c.
L.C. card 64-62092
- 15127 5594. Defense, military assistance, agreement between United States and Argentina, effected by exchange of notes signed Buenos Aires May 10, 1964; [entered into force May 10, 1964]. [1964.] [2]+8 p. [English and Spanish.] * Paper, 10c.
L.C. card 64-62093

STATISTICAL REPORTING SERVICE, Agriculture Dept.

- 15128 Agricultural prices, 1963 annual summary. June 1964. 182 p. 4° (Pr 1-3 (64); Crop Reporting Board.) † ● Item 18-C
L.C. card 46-43547 A 92.16/2: 963
- 15129 Fruits, noncitrus, by States, 1962 and 1963, production, use, value: pt. 1, apricots, bush berries, cherries, figs, grapes, nectarines, peaches, pears, persimmons, plums, pomegranates, prunes. May 1964. 22 p. 4° (FrNt 2-1 (5-64); Crop Reporting Board.) † A 92.11/2: 962-63/pt.1
- 15130 Nursery products, production and sales, 1962 and 1963, January inventory 1963 and 1964, in 6 selected States, ornamentals, deciduous fruit and nut trees, citrus and subtropical fruit trees, grape vines. June 1964. 13 p. il. 4° (SpCr 6-2 (64); Crop Reporting Board.) † ● Item 24-M
A 92.31: 964
- 15131 Sour cherry report, June 15, 1964. June 22, 1964. [2] p. 4° (FrNt 2-4 (6-64); Crop Reporting Board.) † A 92.11/3: 964

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

SYSTEMS RESEARCH AND DEVELOPMENT SERVICE, Federal Aviation Agency

- 15132 Abstracts of technical reports, general distribution, 1st quarterly supplement, calendar year 1963. Apr. 1963. [1]+xi+34+a p. 4° (Administrative Management Division, General Services Branch.) [Issued with perforations.] †
FAA 2.11/2: 1/supp.1

TARIFF COMMISSION

- 15133 Beef and beef products, report on investigation no. 332-44 under sec. 332 of Tariff act of 1930 pursuant to resolution of Committee on Finance of Senate adopted Nov. 20, 1963. June 1964. cover title, iv+171 leaves. il. 4° (TC publication 128 [TC 29237].) †
TC 1.2: B 39
- 15134 Determination of no injury or likelihood thereof: White portland cement from Japan. July 9, 1964. 14 p. 4° (TC publication 129: AA1921-38.) †
TC 1.31: C 33/2

TECHNICAL SERVICES OFFICE, Commerce Dept.

Patent abstract series.

- 15135 supp. 6. Government-owned inventions available for license, accumulated Jan.-Dec. 1963. [1964.] iii+108 p. 4° Φ Paper, \$1.00 (PB 181669). L.C. card 56-61052
C 1.33: supp.6

TRANSPORTATION CORPS (Army), Defense Dept.

TRECOM technical reports. (Army Transportation Research Command, Fort Eustis, Va.)

- D 117.8/2: (nos.)
- 15136 64-7. Research on light truck highway train [with list of references]; prepared by Irwin O. Kamm and Robert B. Schwartz, Davidson Laboratory, Stevens Institute of Technology, [Hoboken, N.J.]. Mar. 1964. [1]+vii+34 p.+[2] leaves. il. 4° (Task 1D543006D40405, contract DA44-177-AMC-1(T); report 995.) Φ (Price upon application).
- 15137 64-12. Feasibility investigation of harmonic drive speed reducers for helicopter applications [with bibliography]; prepared by Kaman Aircraft Corporation, Bloomfield, Conn. May 1964. cover title, [1]+x+108+[4] p. il. 4° (Task 1D121401D14414, contract DA 44-177-TC-716.) Φ (Price upon application).
- 15138 64-19. Investigation of terrain roughness, final report; prepared by [Frank Turner and A. J. Bossert] Midwest Research Institute, Kansas City, Mo. May 1964. [1]+vi+30+[4] p. il. 4° [Text on p. 2 of cover.] (Task 1D021701A04902 (formerly task 9R97-01-005-02), contract DA 44-177-TC-846.) Φ (Price upon application.)

TREASURY DEPARTMENT

Department circulars. †

T 1.4/2: (nos.)

- 15139 830. Regulations governing transactions by Treasury Department disbursing officers under act of Dec. 23, 1944, as amended, 1st revision, supp. 5. July 7, 1954. 1 p. 4° (Fiscal Service, Bureau of Accounts.)
- 15140 918. Regulations governing withholding for State and Territorial income tax purposes on compensation of Federal employees, under act of July 17, 1952, supp. 4, amd. 4. Agreement with Alaska. June 15, 1964. 1 p. 4° (Fiscal Service, Bureau of Accounts.)

UNITED STATES INFORMATION AGENCY

- 15141 21st report to Congress, July 1-Dec. 31, 1963. [1964.] cover title, 48 p. il. 4° † ● Item 672-B
L.C. card 54-61257
IA 1.1: 21

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

URBAN RENEWAL ADMINISTRATION, Housing and Home
Finance Agency

- 15142 Urban renewal project characteristics, Dec. 31, 1963. [1964.] [1]+55 p. 4° [Relates to projects approved under title 3, Housing act of 1954, and title 1, Housing act of 1949.] †
L.C. card 56-63831 HH 7.8: 963

VETERANS ADMINISTRATION

- 15143 Older American veteran; [prepared in cooperation with President's Council on Aging.] [1964.] cover title, 19 p. [Illustration on cover.] †
VA 1.2: O1 1

VA pamphlet. ● Item 988

- 15144 1-1. Board of Veterans Appeals, rules of practice. 1964 edition. 1964. cover title, iii+16 p. [Text on p. 2 of cover. Supersedes 1962 edition.] †
● Item 988
L.C. card 63-61191 VA 1.19: 1-1/3

VETERANS' REEMPLOYMENT RIGHTS BUREAU, Labor Dept.

- 15145 Legal guide and case digest, Veterans' reemployment rights under Universal military training and service act, as amended, and related acts. [1964.] xxxvii+1342 p. [Prepared in cooperation with Office of Solicitor of Labor. Issued with perforations.] * Paper, \$4.25.
● Item 773-A.
L.C. card L 64-58 L 25.6/2: L 52

WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS,
Labor Dept.

Interpretive bulletin, title 28 of Code of Federal regulations.

- 15146 pt. 785. Hours worked, under fair labor standards act of 1938, as amended Reprinted June 1964. [1]+13 p. 4° (WHPC publication 1047.) [Text of Code, up to and including Jan. 1, 1964.] † ● Item 778 L 22.10: 785/5
- 15147 Message to young workers about Fair labor standards act (Federal wage-hour law). May 1964. [6] p. il. narrow 8° (WHPC publication 1105.) † ● Item 777 L 22.2: F 15/8
- 15148 Minimum wage rates in Puerto Rico under Fair labor standards act. [Revised June 1964.] [1964.] 7 p. 4° (T.W.D.-1; WH64-1132.) †
L 22.2: W 12/5/964
- 15149 Quick look at hours worked under Fair labor standards act as amended 1961. Apr. 1964. [1]+9 p. il. narrow 8° (WHPC publication 1108.) † ● Item 777 L 22.2: H 81/964

WEATHER BUREAU, Commerce Dept.

- 15150 Building tomorrow's weather systems, career opportunities for engineers and physicists. [1964.] [16] p. il. oblong 8° * Paper, 25c. ● Item 275
C 30.2: W 37/9
- 15151 Climate of Texas and adjacent Gulf waters [with bibliographies; by] Robert B. Orton. 1964. xviii+195 p. il. 4° * Paper, \$1.00. ● Item 275
L.C. card 64-62118 C 30.2: T 31
- Climatic summary of United States, supplement for 1931-52, Climatology of United States no. 11-(nos.). [Supplement to Climatic summary of United States, Bulletin W, 1930 edition.] ● Item 273-B
- 15152 4. California. [1964.] 156 p. il. oblong 8° [Known errors in last print have been corrected in this reprint.] * Paper, 70c. C 30.3/2: 4

*For Sale by Superintendent of Documents
‡For Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

GOVERNMENT PUBLICATIONS

- 15153 Current Federal meteorological research and development activities, fiscal year 1964. June 1964. xxvii+97 p. 4° * Paper, 60c. ● Item 273-E
L.C. card 63-62133 C 30.75/2: 964

Decennial census of United States climate: Climatic summary of United States, supplement for 1951-60, Climatography of United States no. 86-(series). ● Item 273-B C 30.71/8: (nos.)

- 15154 1. Alabama. 1964. 70 p. il. oblong 8° * Paper, 35c.
15155 2. Arizona. 1964. 96 p. il. oblong 8° * Paper, 45c.

Key to meteorological records documentation 6.11: Decadal census of weather stations. ● Item 275-C

- | | | |
|-------|--|------------------|
| 15156 | California. 1964. [15] p. il. 4° * Paper, 10c. | C 30.66/3: C 12 |
| 15157 | Idaho. 1964. [8] p. il. 4° * Paper, 5c. | C 30.66/3: Id 1 |
| 15158 | Michigan. 1964. 8 p. il. 4° * Paper, 5c. | C 30.66/3: M 58 |
| 15159 | Minnesota. 1964. [8] p. il. 4° * Paper, 5c. | C 30.66/3: M 66 |
| 15160 | Nebraska. 1964. [8] p. il. 4° * Paper, 5c. | C 30.66/3: N 27 |
| 15161 | New England. 1964. 21 p. il. 4° * Paper, 15c. | C 30.66/3: N 42c |
| 15162 | Oklahoma. 1964. [8] p. il. 4° * Paper, 5c. | C 30.66/3: Ok 4 |

- 15163 Storage-gage precipitation data for Western United States, v. 8, July 1962-June 1963. Asheville, N.C., 1964. 49 p. il. 4° * Paper, 50c.
C 30.59/45: 8

- 15164 Tornado safety rules, when tornado approaches, your immediate action may mean life or death [flyer]. Revised Apr. 1964. [1964.] 10.5 x 8 in. [Contains on reverse: Tornado information.] * Paper, \$1.50 per 100; single copy, 5c. ● Item 278-A C 30.6: T 63/2/964

WELFARE ADMINISTRATION, Health, Education, and Welfare Dept.

- 15165 Demonstration projects in public assistance; [by Winifred Bell]. [1964.] 8+[1] p. 4° [Reprinted from Welfare in review, May 1964.] †
FS 14.10/a: D 397

Federal assistance for projects in aging (series). † FS 14.12: (nos.)

- 15166 5. Demonstrations of selected services: Community health services for chronically ill and aged, project grants program of Public Health Service. Mar. 1964. [8] p. ([OA 704]; Office of Aging.)
15167 6. Research and demonstration: Mental health project grants program of National Institute of Mental Health, Public Health Service. Apr. 1964. [11] p. ([OA 705]; Office of Aging.)

- 15168 Highlights of legislation on aging: Bills affecting older persons, introduced Jan.-Dec. 1963, 88th Congress, 1st session. Mar. 1964. 17 p. 4° (Office of Aging, OA 513.) [Issued with perforations.] †
L.C. card HEW 63-48 FS 14.9/2: 963/7

- 15169 Opportunities for older Americans, guide for Senior Citizens Month, May 1964. [1964.] [2]+9 p. (Office of Aging.) [Includes list of aids for Senior Citizens Month.] † ● Item 532-A-4 FS 14.8: Ol 1

- 15170 Projects aided under Cooperative Research and Demonstration Grants Program. [1964.] p. 20-23, 4° [Reprinted from Welfare in review, June 1964.] †
FS 14.10/a: C 78

- 15171 Small town organizes basic services for its aging. [1964.] 4 p. il. 4° (Aging; OA 140.) [Reprinted from Aging, no. 109, Nov. 1963.] †
FS 14.9/a: Ag 47

WOMEN'S BUREAU, Labor Dept.

- 15172 Address by Mary Dublin Keyserling, director of Women's Bureau, Department of Labor, United Packinghouse, Food, and Allied Workers Convention, Kansas City, Mo., May 25, 1964. [1964.] 13 leaves, 4° †
L 13.12: K 52

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington, D.C.,
Unless Otherwise Indicated

AUGUST 1964

Bulletins.

L 13.3: (nos.)

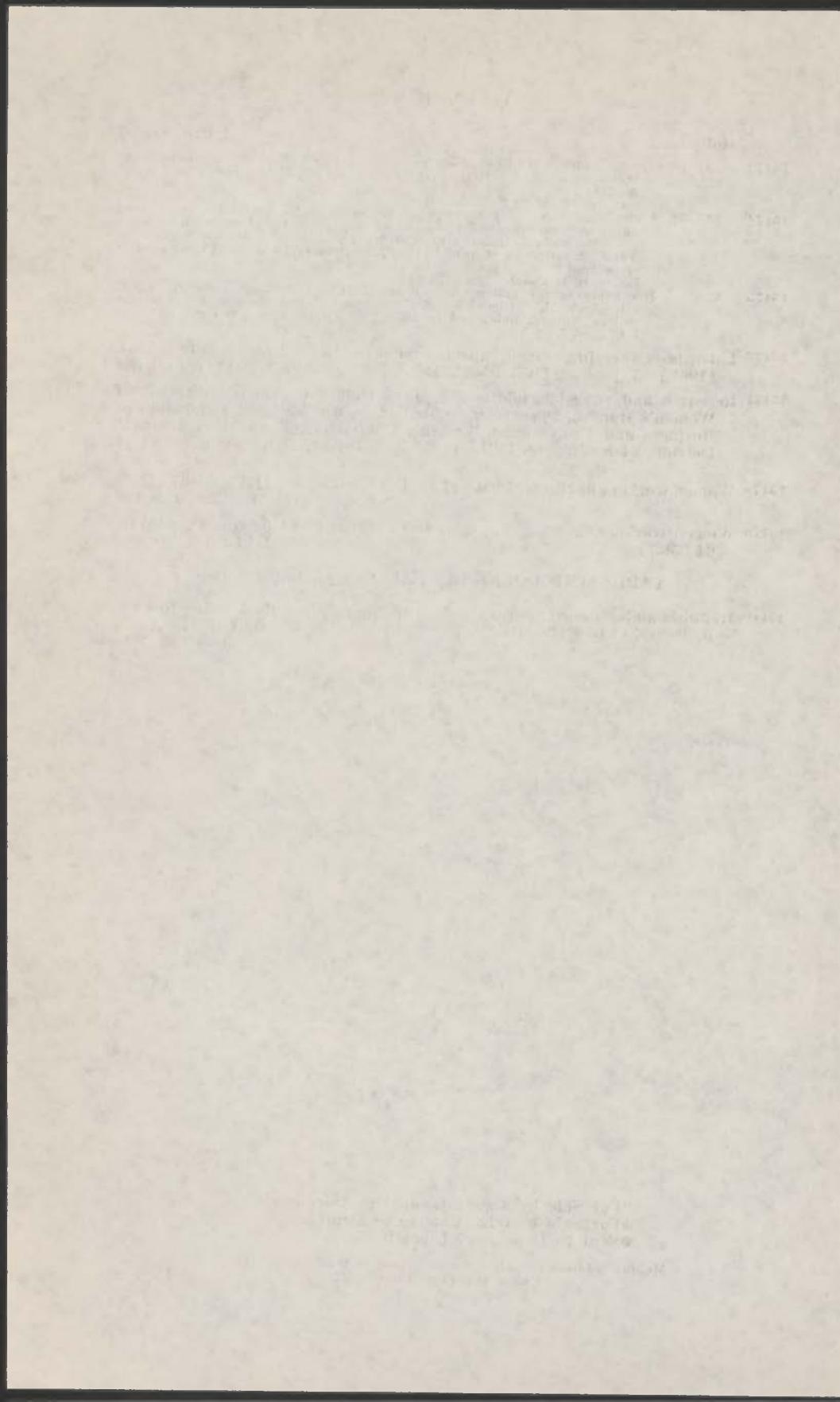
- 15173 157-18 (rev.). Addendum to Legal status of women in United States: Report for Maine as of Jan. 1, 1958, revised as of May 1, 1964. [1964.] 4 p. †
● Item 781
L.C. card L 63-62
- 15174 157-32. North Carolina, temporary guide to changes in North Carolina laws affecting legal status of women as of May 1, 1964 [for use with Bulletin 157-32 (revised) Legal status of women in United States, Report for North Carolina as of Jan. 1, 1957]. [1964.] 10 p. 4° [Includes list of sources.] †
L.C. card L 63-62
- 15175 288. Job horizons for college women in 1960's; [by Rose Terlin]. 1964. viii+78 p. il. [Includes list of sources. Supersedes Job horizons for college women, published in 1956.] * Paper, 30c. ● Item 781
L.C. card L 64-75
- 15176 Labor laws affecting women, capsule summary: North Dakota, July 1, 1964. [1964.] 7 p. 4° ([WB 64-323.]) † L 13.14: N 81 d/964
- 15177 Research and your job, address of Mary Dublin Keyserling, director of Women's Bureau, Department of Labor, before National Federation of Business and Professional Women's Clubs, Inc., Foundation Meeting, Detroit, Mich., July 18, 1964. [1964.] 16 leaves, 4° ([WB-65-15.]) †
L 13.12: K 52/2
- 15178 Women workers in Maine, 1960. [1964.] 14 leaves, 4° ([WB 64-355.]) †
L 13.22: M 28/960
- 15179 Women workers in West Virginia, 1960. [1964.] 14 leaves, 4° ([WB-64-358.]) †
L 13.22: W 52v/960

YARDS AND DOCKS BUREAU (Navy), Defense Dept.

- 15180 Building maintenance: Furniture & furnishings. Jan. 1964. viii+46+4 p. il. 4° (NAVDOCKS MO-120.) * Fabrikoid, \$1.50. ● Item 418-A
D 209.14: F 98

*For Sale by Superintendent of Documents
 †For Sale by OTS, Commerce Dept.
 ●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington, D.C.,
 Unless Otherwise Indicated



Index

MONTHLY CATALOG, AUGUST 1964

NOTE.—Entries appear in this Index under subjects or titles. Bulletins, circulars, etc., having no specific subjects are entered under the issuing office only. Index citations are to entry numbers in the catalog.

A	Entry	Entry
A.E.C., <i>see</i> Atomic Energy Commission.		
A.F.C.R.L., <i>see</i> Air Force Cambridge Research Laboratories.		
A.F.F.T.C., <i>see</i> Air Force Flight Test Center.		
A.M.C., <i>see</i> Army Materiel Command.		
A.M.S., <i>see</i> Agricultural Marketing Service.		
A.P.R.O., <i>see</i> Army Personnel Research Office.		
A.R.A., <i>see</i> Area Redevelopment Administration.		
A.R.S. series.....	13563-571	
AAIXICO Airlines, Inc., accident.....	13787	
Abdellah, Faye G., patients and personnel speak.....	15061	
Ablating materials:		
reentry, Trailblazer IIB, identified from spectrograms.....	14880	
teflon and polyethylene at convective heating rates from 25 to 420 Btu/ft ² sec, effective heats of ablation, measurements, errata.....	14835	
Ablation, blunted cylinder-flare configuration, flight investigation to Mach number of 8.48.....	14884	
Absorption spectra, <i>see</i> Spectra.		
Abstracts, <i>see</i> names of departments, bureaus, etc., issuing abstracts— <i>also</i> subjects.		
Acceleration:		
angular, repeated unidirectional, control of arousal and effects on human vestibular responses, task.....	13731	
biomedical research studies, bibliography.....	13732	
high sustained, effects on pilots' performance and dynamic response.....	14843	
low-cost tape system measures.....	14808	
Accelerators, high energy, electron installations shielding.....	14932	
Accelerometric precordial ballistocardiogram (kinetocardiogram) in hypertension.....	14913	
Accidents:		
accidental death and injury statistics.....	15040	
human aspects of accident barrier (remarks).....	14676	
international exchange of statistics on occupational accidents (remarks).....	14678	
off the job safety as element of total safety (remarks).....	14681	
prevention, records program of large company (remarks).....	14680	
<i>see also</i> Aircraft accidents—Motor vehicle accidents—Railroad accidents.		
Accounts and accounting, instant octal accounting, byproduct of forest growth studies.....	14323	
Acids, <i>see</i> names of acids.		
Acoustics, <i>see</i> Sound.		
Actinometry, selected articles, USSR.....	14909	
Acts of Congress, <i>see</i> Law.		
Adams, Thomas, physiologic evaporative water loss measurement.....	13727	
Additives, confectionery, amend food, drug, and cosmetic act, report.....	13981	
Addresses, lectures, etc.:		
by—		
Brody, Leon.....	14676	
Brown, Gerald A.....	14960	
Clague, Ewan.....	14708	
Donat, George.....	13741	
Eaton, William W.....	13831	
Ford, Frederick W.....	14233	
Freeman, Orville L.....	13575-576	
Greenberg, Leon.....	14713	
Gronouski, John A.....	15020-24, 15028	
Hodges, Luther H.....	13817-819	
Holton, Richard H.....	13820	
Johnson, Nicholas.....	13823, 13825	
Kennedy, John F., at his inauguration in 1961 (poster).....	14723-724	
Keyserling, Mary D.....	13920	
Lacroix, Henri P.....	15172, 15177	
McBrien, Thomas H.....	14678	
McMurray, Joseph P.....	14682	
Martin, Clarence D.....	14239	
Morton, James G.....	13826	
Murphy, Charles S.....	13821	
Nuernberger, George F.....	13577	
Parcher, Frank M.....	14680	
Pollock, Eugene N.....	14219	
President Truman.....	14679	
Roosevelt, Franklin D., jr.....	14254	
Russell, Harold.....	13827-830	
Sawyer, William A.....	14684	
Scott, Marie.....	14672	
Taylor, Hobart, jr.....	14681	
Wirtz, W. Willard.....	15034-35	
Wolfbein, Seymour L.....	14661-	
inaugural address of John F. Kennedy (poster).....	662, 14665-666	
MA SP series.....	14677	
public papers of Presidents of United States, announcement and order form.....	13920	
Adhesives, epoxy bond, stringent cleaning technique recommended.....	14723-724	
Adjustment Board, National Railroad, <i>see</i> National Railroad Adjustment Board.	15037	
Adler, Harry F., dysbarism.....	14830	
Administrative management, GSA intern program.....	13646	
Adoptions, interprofessional teamwork to safeguard.....	14336	
	13778	

Do not order from index; see indicated entry

Page 99

INDEX

	Entry		Entry
Adrenal glands, USSR studies-----	14620	Aged—Continued	
Adsorption, electrostatic, of ions, USSR study-----	14456	housing for the elderly in rural areas, insured loan program, extend-----	13889
Advanced radar traffic control sys- tem, <i>see</i> Air traffic.		law-----	14058
Advertising, newspaper, affects re- tail sales of broilers and meat.	14171	report-----	14123
Advisory Commission on Intergov- ernmental Relations:		housing problems, hearings-----	15086
appropriations, 1965, report-----	14048	OASDI benefits, estimated distri- bution by income class-----	15143
commission report (series)-----	14139	older American veteran-----	15169
AEC, <i>see</i> Atomic Energy Commission.		opportunities for older Americans, Senior Citizens Month, May 1964, guide-----	15171
Aerial photography:		Aging:	
equipment, installation and main- tenance-----	13624	Earlham, Iowa, organizes basic services for its aging-----	15171
two plot transfer devices developed for forest insect trend sur- veys-----	14328	Federal assistance for projects-----	15166-167
Aerobee rockets, <i>see</i> Rockets.		<i>see also</i> Aged.	
Aerodynamic heating, heat transfer measurements on flat plate and attached fins at Mach nos. of 4.51 and 4.44-----	14873	Aging, Special Committee on, Senate, hearings-----	14121-123
Aerodynamics:		Agricultural commodities, <i>see</i> Agri- cultural products.	
air loads on man, studies-----	13726	Agricultural machinery, <i>see</i> Farm im- plements and machinery.	
boattailed bodies having turbulent boundary layers, afterbody pressures at Mach 5.98-----	14882	Agricultural Marketing Service, AMS series-----	13537-560
supersonic, handbook-----	15008	Agricultural products:	
<i>see also</i> Flutter (aircraft)—Wings (aircraft).		agricultural commodities, agree- ment with-----	
Aeromedical Research Institute, <i>see</i> Civil Aeromedical Research Institute.		Bolivia-----	15110
Aeromedical reviews-----	13646	Brazil-----	15121
Aeronautics:		China-----	15124
civil air regulations, amend- ments-----	14222-225	Congo (Leopoldville)-----	15107
Federal aviation regulations-----	14227-230	Philippines-----	15116
<i>see also</i> Air navigation.		United Arab Republic-----	15115
Aerospace, <i>see</i> Outer space.		Yugoslavia-----	15108-09, 15111
Aerospace medicine, <i>see</i> Medicine.		European Economic Community, trade and finance, statistics-----	14172
Aerospace vehicle, <i>see</i> Spacecraft.		foreign trade, by commodities, cal- endar year 1963-----	14176
AFCLR, <i>see</i> Air Force Cambridge Research Laboratories.		market for U.S. farm products, Japan, trends and develop- ments in economy affecting, 1950-62-----	14174
AFFTC, <i>see</i> Air Force Flight Test Center.		marketing, publications, price list-----	15036
Africa:		marketing research reports-----	13586-592
music, annotated bibliography-----	14715	orderly liquidation of stocks of agricultural commodities held by Commodity Credit Corpora- tion and expansion of markets for surplus agricultural commodities-----	13594
north, Educational Materials Lab- oratory report-----	14183	prices, annual summary, 1963-----	15128
translations-----	14475, 14487, 14552, 14561, 14580, 14597	Agricultural Research Service, ARS series-----	13563-571
west coast, tide tables-----	13813	Agricultural trade development and assistance act of 1954:	
Afterbodies, pressures on 2-dimen- sional boattailed bodies having turbulent boundary layers at Mach 5.98-----	14882	activities under, semiannual re- port-----	13923
Age:		Library of Congress Public law 480 project, accessions list, Israel-----	14717
discrimination in employment by Federal contractors and sub- contractors, Executive order against-----	14669	Agriculture:	
relationship to altitude adaptation and work performance-----	13735	agricultural adjustment act, amend, report-----	13930
Age-adjusted and age-specific death rates for malignant neoplasms, 1960-----	15041	agricultural prices, annual sum- mary-----	15128
Aged:		agriculture handbook-----	13578-581
bills affecting older persons, in- troduced 88th Cong., 1st ses- sion-----	15168	agriculture information bulletin-----	13582
Blue Cross and other private insur- ance for the elderly, hear- ings-----	14121	bibliography, serial publications indexed in-----	14930
Federal assistance—		Communist China, translations-----	14656
community health services for chronically ill and aged, PHS project grants program-----	15166	East European, translations-----	14439, 14459, 14501, 14559, 14589, 14611, 14625
mental health project grants pro- gram of NIMH-----	15167	fertilization, USSR studies-----	14594
health frauds and medical quackery affecting the elderly, hear- ings-----	14122	foreign agricultural economic re- port-----	14173-174

AUGUST 1964

	Entry
Agriculture and Forestry Committee, Senate:	
hearings	14124
report	14074
Agriculture Committee, House:	
hearings	13986-987
reports	13930, 13949
travel authorization, report	13960
Agriculture Department:	
appropriations, 1964, supplemental proposal	14025
budget, 1965, amendments	14024-25
handling of grain storage operations of Billie Sol Estes, hearings	14001
leaflets	13584-585
marketing research reports	13586-592
miscellaneous publication	13593
PA (program aid) series	13595-596
statistical bulletins	13598-599
Aguinaldo, Pedro, relief	14041
AIB series	13582
Air, hypersonic aero-dynamic characteristics of winged shapes in air and helium, comparison	14866
<i>see also</i> Air pollution—Atmosphere.	
Air carriers:	
blind passengers, guides, report	13973
certification and operation rules, civil air regulations, amendments	14222
Air filters, <i>see</i> Filters and filtration.	
Air Force:	
airmen, qualifying examination, use to predict completion of basic training	13635
officers, erroneously paid uniform allowances, relief, report	13934
Air Force Cambridge Research Laboratories:	
AFCRL series	13600-611
Air Force survey in geophysics	13626-627
environmental research papers	13628-630
instrumentation papers	13631-632
physical sciences research papers	13636-645
report on research	13600
Air Force Department:	
aerospace vehicles, information handbook	13625
AFCRL series	13600-611
AFFTC technical documentary reports	13612-623
Air Force manual	13624
Air Force pamphlet	13625
Air Force surveys in geophysics	13626-627
Assistant Secretary, nomination of Leonard Marks, jr., hearing	14127
environmental research papers	13628-630
instrumentation papers	13631-632
land conveyance to Oroville, Calif., report	14114
Personnel Research Laboratory, technical documentary reports	13633-635
physical sciences research papers	13636-645
WADD technical report	13652
Air Force Flight Test Center, technical documentary reports	13612-623
Air Force Reserve, officers, promotion to existing unit vacancies, authorize, report	13940
Air navigation, sight reduction tables, selected stars	14995
Air pollution:	
kraft pulping industry, bibliography	15047
sanitary protection in USA, Soviet report	15062

	Entry
Air speed:	
harmonic drive speed reducers for helicopter applications, feasibility investigation	15137
minimum flying speed of delta-wing airplane, demonstrating	14870
Air traffic:	
control, ARTS, advanced radar traffic control system, Atlanta facility training manual	14221
management problems, pre-employment, etc., experience compared with aptitude tests in predicting performance of control specialists	13733
special rules and airport patterns, Federal aviation regulations	14229
Air Traffic Service:	
communications procedures, handbook	13654
flight assistance service, manual, change	13653
manual	13653
Aircraft:	
certification and operation rules, civil air regulations, amendments	14222
conveyances, validity of titles, law, flight vehicular structures, metallic materials and elements, change	14162
maintenance, preventive maintenance, rebuilding and alteration, Federal aviation regulation	14228
performance measurement in flight simulation studies	14790
reinforced plastics for flight vehicles, military handbook	14163
V/STOL analysis report for simulation purposes	15005
<i>see also</i> Airplanes—Helicopters—Sonic boom—Spacecraft.	
Aircraft accidents:	
investigation reports	13786-790
lightplane safety, human factors aspects	13737
Aircraft engines, <i>see</i> Engines (aircraft).	
Aircraft materials, <i>see</i> Materials.	
Aircraft repair stations, Federal aviation regulations	14230
Airfoils, sharp and circularly blunt-wedge, theoretical aerodynamic characteristics	14904
Airglow, rocket spectrophotometer measurements in far ultraviolet	14889
Airmen, carefulness battery, validation against training school criteria	13633
<i>see also</i> Air Force.	
Airplanes:	
airworthiness, transport categories, civil air regulations, amendments	14222
C-130-E, limited category 2 stability and control tests	13615
C-135 B—	
category 2 performance tests	13613
appendix	13614
limited category 2 stability and control tests	13616
cockpit voice recorders, installation, civil air regulations, amendments	14222
delta-wing, demonstrating minimum flying speed	14870
Piper PA-18A, spray distribution patterns	13566
radio-controlled parawing model, stalling and tumbling	14852

INDEX

	Entry		Entry
Airplanes—Continued		Altitude :	
supersonic configuration, parawings		high, acclimatization, relationship	
as auxiliary lifting devices,		of age and work performance	13735
low-speed longitudinal aerody-		national rocket test facilities	14833
namic investigation	14879	Alumina, imported for use in pro-	
transport, take-off performance of		ducing aluminum, suspension	
representative supersonic con-		of duty, law	13910
figurations	14855	Aluminum foil, converted, 1963, cur-	
USAF aerospace vehicles, informa-		rent industrial reports	13750
tion handbook	13625	Ambassadors, American ambassador,	
X-15, YLR99-RM-1 rocket engine		role in national security,	
operating experience	14899	study	14138
YAT-37D systems evaluation	13619	AMC, <i>see</i> Army Materiel Command.	
<i>see also</i> Sonic boom.		America, rare sea mammals	14274
Airports, Federal act, amend, law	13897	American Federation of Labor and	
<i>see also</i> Air traffic— <i>also</i> names of		Congress of Industrial Organi-	
places where located.		zations, agreement with Post	
Alabama, climatic summary, 1951-60,		Office Department	15205
decennial census	15154	American nationals, repatriates, tem-	
Alabama (U.S.S.):		porary assistance, extend, law	13896
Panama Canal, permit passage		American River division, <i>see</i> Central	
without toll charges, report	13977	Valley project.	
Alaska :		Amharic language, Foreign Service	
income tax, withholding on compen-		Institute, basic course	15094
sation of Federal employees,		Ammunition, loading terminals	14206
regulations governing	15140	Amplifiers :	
Matanuska formation, stratigraphic		traveling wave tube re-entrant	
reconnaissance	14339	amplifier serrodyne system	14846
military departments methods of		tunnel diode, model EK/A-S, etc.	13618
shipping automobiles of Armed		AMS, <i>see</i> Agricultural Marketing	
Forces personnel to and from		Service.	
Alaska, amend United States		Analeptics, <i>see</i> Medicine.	
Code—		Analog computers, <i>see</i> Electronic	
hearing	13989	computers.	
report	13943	Analytical chemistry, <i>see</i> Chemistry.	
omnibus act, amend—		Ancient Arabic Order of Nobles of	
hearings	14140	Mystic Shrine, regulations for	
reports	13953, 14067	1965 convention, report	14107
postal service after earthquake		Anderson, Carl L., alcoholism, sel-	
(address)	15022	ected bibliography	14946
reconstruction grants—		Anderson, Richard J., one-trial learn-	
hearing	14140	ing and quantum psychophys-	
reports	13953, 14067	ics, synthesis	15006
transitional grants, appropriations,		Anderson, Rodney D. :	
1965—		foreign trade regulations of—	
law	13904	Guatemala	14374
report	13951	Nicaragua	14384
Alaska, Gulf of, scallop explora-		Angle of attack :	
tions	14272	flow fields about cylinders at zero	
Albania, press information re-		angle of attack, parametric	
ports	14429, 14453	study	14785
Albany, N.Y., occupational wage		small, supersonic flow around	
survey	14695	right circular cones	14796
Albany Metallurgy Research Center :		Angolese National Liberation Front,	
cobalt 60 facility, high-level gam-		activities	14552
ma ray dosimetry	14747	Animals :	
metallurgical progress report	13719	health, guardians, veterinarian and	
Alcohol and Tobacco Tax Division,		FDA	14286
<i>see</i> Internal Revenue Service.		husbandry—	
Alcoholism, selected bibliography	14946	Communist China, translations	14656
Aldrich, R. C., two plot transfer de-		Rumania, scientific research	14556
vices developed for aerial pho-		wild, free importation, report	14098
tographic forest insect trend		<i>see also</i> Marine fauna.	
surveys	14328	Anion exchange resins, <i>see</i> Resins.	
Alexander, Vida O., official opinions		Annuities, Foreign Service retirement	
of Attorneys General	14660	and disability system, adjust-	
Alexander County, Ill., development		ment, report	13968
program, suggestions for mak-		Annullment of marriage, <i>see</i> Marriage.	
ing more effective	13660	Anthrax mines, <i>see</i> Coal mines and	
Algeria, educational data	14182	mining.	
Alien enemy property, <i>see</i> Enemy		Anthracnose, walnut, identification	
property.		and control	14299
Allen, W. K., traveling wave tube		Antipodal image of electromagnetic	
re-entrant amplifier serrodyne		source	13640
system	14846	Antitrust laws, <i>see</i> Monopolies—	
Allocation, optimum computerized		Trusts (industrial).	
system development for Army		Appalachian Development Corpora-	
enlisted personnel	13687	tion, create, hearings	14015
Alloys, nickel-base, M 252, effect of		Appalachian region :	
heat treatment on mechanical		development act of 1964, hearings	14015
properties, USSR studies	14419	economic conditions of area (re-	13827
<i>see also</i> names of metals, etc.		marks)	
		southern, rainfall interception by	
		hardwood forest litter	14332

	Entry
Appalachian Regional Commission, establish, hearings-----	14015
Apparel, <i>see</i> Clothing.	
Apprentices, apprenticeship and training representative, examination announcement-----	13807
Appropriations:	
deficiency, 1964, law-----	13867
general Government matters, 1965, continue-----	
law-----	13875
report-----	14066
<i>see also</i> subjects, or names of departments, for which appropriations are made.	
Appropriations Committee, House, report-----	13950
Appropriations Committee, Senate:	
hearings-----	14125
reports-----	14048, 14066
Apricots, production, use, value, by States, 1962-63-----	15129
APRO, <i>see</i> Army Personnel Research Office.	
Aptitude tests:	
airman qualifying examination use to predict completion of basic training-----	13635
merchandising your job talents-----	14200
predictors of air traffic control specialists performance-----	13733
real work tests for untestable youth-----	14663
Aquariums, experimental, sea-water systems-----	14282
Aquifers, mechanics of aquifer systems (series)-----	14346
ARA, <i>see</i> Area Redevelopment Administration.	
Arbitration, <i>see</i> Industrial arbitration.	
Archives, <i>see</i> Records.	
Area redevelopment, <i>see</i> Redevelopment (city planning, etc.).	
Area Redevelopment Administration:	
ARA case book series-----	13656
ARA field reports-----	13657-660
ARA staff study-----	13661
overall economic development programs, guidebook for redevelopment area organizations-----	13662
Area redevelopment bookshelf of community aids-----	13662
Argentina:	
defense, military assistance, agreement-----	15127
foreign trade regulations-----	14380
Argon, thermophysical properties from 0 to 300° K, bibliography-----	14941
Arizona:	
climatic summary, 1951-60, decennial census-----	15155
Gambel oak, specific gravity-----	14325
public land, sell to Kalbab Lumber Co.-----	13863, 14031
Arkansas River and Valley, stability of riprap and discharge characteristics, overflow embankments-----	14212
Armament kits:	
XM-5, equipment for UH-1B helicopter, flight evaluation-----	13621
XM-6E2, evaluation of UH-1D equipped with kit-----	13620
Armed Forces:	
enlisted members, cancellation of indebtedness, authorize, report-----	13941
members, dependents, evacuation from Panama and Cyprus, payment of expenses, authorize, report-----	13937

	Entry
Armed Forces—Continued	
personnel, automobiles, military departments methods of shipping to and from Alaska, amend United States code—	
hearing-----	13989
report-----	13943
status of forces, NATO treaty, criminal jurisdictional operation, report-----	14100
transportation of house trailers and mobile dwellings of members of uniformed services, increase allowances, report-----	14117
<i>see also</i> Pay, allowances, etc.	
Armed Services Committee, House:	
hearings-----	13988-995
reports-----	13932-937, 13939-945, 13947.
Armed Services Committee, Senate:	
hearings-----	14125, 14127
reports-----	14053, 14069-70, 14094-97, 14100, 14110-119.
Armed services papers-----	13988-995
Armed Services Technical Information Agency:	
descriptors thesaurus, supp-----	14165
handbooks, etc., cataloged, report	
bibliography-----	14166
Arms control, <i>see</i> Disarmament.	
Army:	
communications, troop topics-----	13675
enlisted personnel, allocation, optimum computerized system development-----	13687
Judge Advocate legal service, pamphlets-----	13671-674
officers, erroneously paid uniform allowances, relief, report-----	13934
peer rating stability in changing groups-----	13686
personnel, learning to live overseas, pamphlet-----	13676
procurement legal service, pamphlet-----	13679
troop topics-----	13675
<i>see also</i> Pay, allowances, etc.	
Army Department:	
Army regulations-----	13670
Assistant Secretary, nomination of Daniel M. Luevano, hearing-----	14127
pamphlets-----	13671-679
technical manuals-----	13680-684
Army Engineer Research and Development Laboratories, technical report, TR series-----	14201
Army Materiel Command, AMC pamphlet-----	13669
Army Medical Research and Nutrition Laboratory, Fitzsimons General Hospital, reports and reprints, bibliography-----	13688
Army Personnel Research Office:	
USAPRO technical research note-----	13685
USAPRO technical research report-----	13687
Army Reserve, officers, promotion to existing unit vacancies, authorize-----	13940
Army Transportation Research Command, technical reports-----	15136-138
ARS series-----	13563-571
Art, grants for encouragement, hearings-----	13998
Arteries, extremital nerves, influence of gravitational overloads, USSR study-----	14616
Arterioplasty, human morphological changes with lavsan prosthesis, USSR study-----	14612
ARTS (advanced radar traffic control system), <i>see</i> Air Traffic.	
Arts, National Council on, <i>see</i> National Council on the Arts.	

INDEX

	Entry		Entry
Arts, National Foundation, <i>see</i> National Arts Foundation.		Atmospheric entry—Continued	
Asia, market indicators for-----	14372	tumbling bodies theory, application to probe vehicles and Australian tektites-----	14905
Asphyxia, report of 5 accidents involving asphyxiation of 6 drivers-----	14405	Atmospheric temperature, <i>see</i> Temperature.	
Assistance, <i>see</i> Public assistance.		Atomic energy:	
ASTIA, <i>see</i> Armed Services Technical Information Agency.		act of 1954, amendments, reports-----	13957, 14078
Astrobiology, <i>see</i> Space biology.		community act of 1955, amendments, reports-----	13957, 14078
Astronautics, first manned group flight into outer space, Aug. 11-12, 1962, USSR study-----	14613	conditions and limitations on general license provisions of 10 CFR 150.20, rules and regulations-----	13720
Astronauts:		controlled nuclear fusion-----	13723
pilots' performance, effects of high sustained acceleration-----	14843	literature, bibliographies issued or in progress-----	13708
use of man in rocket guidance and control-----	14789	understanding the atom series. 13723-725	
Astronomers, examination announcement-----	13798	Atomic Energy Commission:	
Astronomy, astronomical phenomena, 1967-----	14989	AEC research and development report-----	13689-719
<i>see also</i> Radio astronomy.		appropriations, 1965, authorizing law-----	13882
Astrophysics, cometary, study-----	14772	official values for amount of U-235 isotope in natural uranium-----	13716
ATC manual-----	13653	research and development in progress, biology and medicine-----	13711
Atkinson, Charles H., feasibility of using nuclear explosions to increase petroleum recovery-----	14764	story of Nevada Test Site-----	13722
Atlanta, Ga., terminal, advanced radar traffic control system, facility training manual-----	14221	Atomic Energy Joint Committee, reports-----	13957, 14078
Atlantic Ocean:		Atomic warfare, French military and nuclear developments, press reports-----	14581
North—		Atoms:	
station Delta, 44° N, 41° W, oceanographic observations-----	13815	recombination, taken into account in measurement of temperature of free atmosphere-----	14922
station Echo, 35° N, 48° W, oceanographic observations-----	13814	understanding the atom series. 13723-725	
northwest, fisheries convention of 1949, protocol, report-----	14029	ATS, <i>see</i> Air Traffic Service.	
radio navigational aids, 1964, change-----	14993	Attorney General, <i>see</i> Justice Department.	
Atlantic States:		Auburn-Folsom South unit, <i>see</i> Central Valley project.	
north Atlantic slope basins, surface waters, Oct. 1950-Sept. 1960, records—		Auditors, examination announcement-----	13796
Maine to Connecticut-----	14351	Australia, tektites, application of theory of tumbling bodies entering planetary atmospheres-----	14905
New York to York River-----	14352	Austria:	
Atmosphere:		foreign trade regulations-----	14381
absorption of thermal radiation in 9.6 μ ozone band region-----	14915	return of property, rights and interests, agreement-----	15113
optics, (USSR articles)-----	14909	Autoantibodies, specificity in burn sickness, USSR study-----	14473
ozone, effects of non-photochemical processes on meridional distribution and total amount-----	14844	Automated approach to technical information retrieval, library applications-----	15078
special distribution of outgoing radiation-----	14917	Automatic data processing equipment, <i>see</i> Electronic data processing systems.	
thermal radiation of CO ₂ -----	14916	Automation:	
upper—		challenge (address)-----	14662
chemiluminescence from atomic oxygen-nitric oxide, reaction under pressure conditions-----	14780	continuous furnaces, USSR study-----	14629
Project Firefly, 1962-63-----	13630	modelling of automatic control systems, USSR study-----	14438
rocket spectrophotometer air-glow measurements in far ultraviolet-----	14889	relationship to productivity and employment, current developments (paper)-----	14713
ultraviolet spectroscopy-----	14769	Automation of instruction, <i>see</i> Teaching machines.	
USSR bibliography-----	14926	Automation, Technology, and Economic Progress, National Commission on, <i>see</i> National Commission on Technology, Automation, and Economic Progress.	
Venus, exploration by simple capsule-----	14839	Automobiles:	
water vapor content, spectroscopic method of integral determination-----	14919	Armed Forces personnel, military departments methods of shipping to and from Alaska, amend United States code—	
Atmospheric entry:		hearing-----	13989
reentry, capability of proportional-type lateral control system in providing aerodynamic heading-angle trajectory control-----	14876	report-----	13943
spacecraft, deployable centrifugally stabilized structures-----	14782		
spectrographic data from reentries of Trailblazer IIB-----	14880		

	Entry
Automotive vehicles, <i>see</i> Motor vehicles.	
Aviation, <i>see</i> Aeronautics.	
Aviation machinists, mate J 3 & 2, Navy training course-----	14997
Aviation medicine, <i>see</i> Medicine.	
Aviation storekeeper, 3 & 2, Navy training course-----	14998
Aviators:	
pilot performance during extended periods of low-altitude high-speed flight-----	14776
pilots' performance, effects of high sustained acceleration-----	14843
Awards (arbitration):	
National Railroad Adjustment Board-----	14982-986
Axial-load fatigue properties of PH 15-7 Mo stainless steel in condition TH 1050 at ambient temperature and 500° F-----	14887
Ayrshire cattle, <i>see</i> Cattle.	
Azimuthal magnetic field of thick, finite-length, helical solenoid-----	14895
Aztec Ruins National Monument, general information-----	14963
B	
Babcock, Clarence O.:	
calcium and calcium compounds---	14733
strontium-----	14765
sulfur in 1963-----	14766
Bachmann, Joyce C., investment factors in Republic of Korea-----	14382
Backfills, <i>see</i> Hydraulic mine filling.	
Bacterial warfare, protection of grain products from radioactive, chemical, and bacterial substances discussed, USSR study-----	14591
Baggett Transportation Co., accident-----	14405
Baker, Robert G.:	
financial and business interests, investigation---	
hearings-----	14156
report-----	14104
Baker, Roger C., ground-water resources of lower Rio Grande Valley area, Tex-----	14348
Balance of payments, interest equalization tax on foreign securities, impose, hearings-----	14134
Balderston, J. Michael, application of integrated circuits to telemetry systems-----	14838
Ballistocardiography, <i>see</i> Kinetocardiography.	
Banking and Currency Committee, House:	
hearing-----	13996
subcommittee print-----	13997
Banking and Currency Committee, Senate:	
committee prints-----	14129, 14131
hearings-----	14128, 14130
reports-----	14058, 14059-60
Bankruptcy:	
act, amend rel. to statutory liens and powers of trustee, report-----	14079
taxes, limiting priority and nondischargeability, report-----	14080
Barger, Ronald, L., specific gravity of Arizona Gambel oak-----	14325
Barker, F. B., determination of radium in water-----	14349
Barker, L. Keith, thrust-vector technique during manual control of lunar landings-----	14853
Baroch, C. J., design and fabrication of fuel rods with stainless-steel lined zircaloy-2-----	13695

	Entry
Barrett, Robert E., statistical techniques for describing localized vibratory environments of rocket vehicles-----	14847 14040
Barrood, Denise H., relief-----	14040
Batesville, Ark., manganese resources of district, field investigations, July 1956-June 1961-----	14760
Battle of Lake Erie Sesquicentennial Celebration Commission, establish, law-----	13878
Bauman, Alvin, employee earnings in miscellaneous retail stores, June 1962 retail stores and proprietary stores-----	14693
Bauxite, ore, etc., provide suspension of import duty, law-----	13910
Bearings (machinery):	
gas-lubricated, elastic orifice automatically regulates-----	14800
Beck, Helen L., closed short-term group, treatment adjunct for parents of mentally retarded children-----	13776
Becoming a citizen series-----	14360
Beef:	
beef and products, industry, investigation under sec. 332 of tariff act-----	15133
imports, restrict---	
hearings-----	14135
report-----	14098
trade agreement with Mexico-----	15120
Beetles, elm leaf beetle-----	13584
Behavior:	
antisocial, of minor in United States, statistical aspects-----	13783
mentally retarded, report of President's Panel-----	15029
Belgium, extradition convention, supplementary-----	14027
Bell, Winifred, demonstration projects in public assistance-----	15165
Benjamin, Jesse, occupational wage survey, Albany-Schenectady-Troy, N.Y-----	14695
Benthos, ecology of benthonic species-----	14342
Benzylaminopurine, quality and respiration rates in stock flowers treated-----	13560
Beran, Ivan D., relief-----	13846
Berard, Paul F., metalworking machinery, summary for 1963-----	13756
Berries, bush, production, use, value, by States, 1962-63-----	15129
Berry, Frederick H., walnut anthracnose-----	14299
Berry, Leslie A., computation of Hankel functions-----	14940
Bertram, Mitchel H., correlation graphs for supersonic flow around right circular cones-----	14872
Beryl, continuous flotation from spodumene mill tailing, Foote Mineral Co., Kings Mountain, N.C-----	14748
Beryllium:	
minerals yearbook chapter-----	14729
solvent extraction of Spor Mountain, Utah, ore-----	14751
Bessel functions, computation of Hankel functions-----	14940
Beyster, J. R., integral neutron thermalization-----	13692
Bibliography:	
African music-----	14715
agriculture, serial publications indexed in-----	14930
air pollution and kraft pulping industry-----	15047
alcoholism-----	14946
arms control and disarmament, studies in progress or recently completed-----	15106

INDEX

Entry	Entry
Bibliography—Continued	
Army Medical Research and Nutrition Laboratory, reports and reprints	13688
atomic energy literature	13708
biomedical research studies	13732
Clearinghouse Exchange of publications of State departments of education, secondary education personnel	14179
college and university science facilities planning aids	14178, 14196
communications satellites	14799
education, selected references	14193, 14197
Educational Materials Laboratory report	14183
elementary education	14193, 14197
farm management, etc.	15036
handbooks, etc., cataloged by ASTIA	14166
laboratory-industrial cleaning techniques and materials	14167
lunar surface studies	14798
mollusca of Augustus Addison Gould	14962
Near East and north Africa, Educational Materials Laboratory report	14183
nuclear science, list	13725
nuclear science conference literature, availability	13717
Index	13709
processing plant feasibility	14236
research on programmed instruction	14194
retail merchandising and promotion	15080
rheumatic fever, glomerulonephritis, and streptococcal infections	15043
small business	15079-80
store arrangement and display	15079
thermophysical properties of argon from 0 to 300° K.	14941
upper layers of atmosphere and space, USSR	14926
Big Hole National Battlefield, general information	14964
Big Horn Canyon National Recreation Area, establish, hearing	14141
Bills (congressional):	
armed services, hearings on miscellaneous bills	13990-991
see also House bills—Senate bills—also subjects of bills.	
Bioastronautics, biomedical research studies, bibliography	13732
Biochemistry, Soviet studies	14569
Biography, USSR scientists	14418
Biological warfare, protecting food and water against chemical-biological-radiological attack, USSR translation	14555
Biology:	
AEC research and development in progress	13711
East European scientific abstracts 14422, 14435, 14470	14564
recordings, improved electrode for obtaining high quality waveforms	14821
USSR, scientific abstracts	14424
see also Space biology.	
Biomedicine, biomedical research studies in acceleration, weightlessness, etc., bibliography	13732
Birds:	
Wichita Mountains Wildlife Refuge, list	14279
wild, free importation, report	14098
Bishop, Walton B., progressive failure prediction	13642
Bismuth, mineral yearbook chapter	14730
Blackbirds, decoy trap	14275
Blackstock, Thomas A., hypersonic aerodynamic characteristics of simple winged shapes in air and helium	14866
Blade, O. C., motor gasolines, winter 1963-64	14741
Blades, twisted rotating and nonrotating, natural frequencies in coupled bending and torsion	14778
Blasting:	
explosion-generated motion scaling laws validity, case study	14754
vibrations, instrumentation to record, design requirements	14763
Blew, J. Oscar, jr., comparison of wood preservatives in stake tests	14309
Blind:	
model reporting area for blindness, statistical report, 1962	14958
public assistance, money payments to recipients, Oct. 1963	14215
totally, guide on air carriers, report	13973
Blindness Statistics, Model Reporting Area, see Model Reporting Area for Blindness Statistics.	
Bloch, Joseph W., health and insurance benefits and pension plans for salaried employees, spring 1963	14704
Blood:	
circulation, clinical physiology, outline	14912
renal hemodynamics and renal function, acute and chronic effects of insecticide endrin	13728
serum protein, change, patients with chronic radiculitis during treatment with vibration baths, USSR study	14575
state of hemopoietic tissue in acute radiation sickness under conditions of bone marrow transplantation, USSR study	14592
thermal burns, interrelationship between plasma loss, hemoconcentration, changes in circulating blood volume and blood pressure, USSR study	14472
circulation, see Blood.	
Blood pressure:	
adults by age and sex, U.S. 1960-62	15071
hypertension, accelerometric precordial ballistocardiogram	14913
thermal burns, interrelationship between plasma loss, hemoconcentration, changes in circulating blood volume, USSR study	14472
BLS report series	14685-691
Blue crabs, mechanizing industry	14269
Blue Cross, see Health insurance.	
Bluegrass region, Ky., geochemistry of natural waters	14350
Board materials from wood residues	14314
Boards (lumber), see Lumber.	
Boats, see Fishing vessels.	
Bodansky, Harry, U.S. share of world markets for manufactured products, analysis of changes from 1954-61	14395
Bodies (aerodynamics), see Aerodynamics.	
Boilers, power, steel, current industrial reports	13758
Boiling water reactors, see Reactors (atomic).	
Bokelman, W. Robert, salaries and student charges in land-grant colleges and State universities, 1963-64	14195

	Entry
Boldt, Charles E., root development of ponderosa pine transplants at Lincoln, Nebr.-----	14326
Boldt, Robert F., optimum computerized allocation system-----	13687
Bolivia, agricultural commodities, agreement-----	15110
Bolometers, insertion-loss tester, improved-----	14824
Bolometric corrections, <i>see</i> Stars.	
Bonding materials, stringent cleaning technique assures reliable epoxy bond-----	14830
BONUS power station, <i>see</i> Nuclear reactor power plants.	
Book of the future, USSR study-----	14522
Bookshelf of community aids series-----	13662
Boosters (rocket), <i>see</i> Rockets.	
Borczon, Wieslawa M.: relief-----	13865, 14043
Boston, Mass., real property acquisition practices and adequacy of compensation, hearings-----	14016
Botanic Garden, grounds, vehicular tunnel, locate under certain parts, authorize, report-----	14092
Bouland, Heber D., selecting best capacity of truck receiving facilities for country grain elevators-----	13592
Bouncing, molecular bounce-back, test device for preventing-----	14812
Boundaries:	
international boundary studies-----	15099-101
studies--	
Burma-Laos-----	15100
Cambodia-Laos-----	15099
China-Laos-----	15101
Boundary layers:	
similar solutions of equations for purely viscous non-Newtonian fluids, errata-----	14849
turbulent, 2-dimensional boattailed bodies afterbody pressures at Mach 5.98-----	14882
Bowie, Fort, National Historic Site, <i>see</i> Fort Bowie National Historic Site.	
Bowman, Malcolm C., persistence of telodrin and DDT on sweet corn as determined by gas chromatography-----	13564
Boxing, professional, undercover activities, monopoly aspects, hearings-----	14150
Brachiopods, fossils in Ordovician tuffs, northeastern Maine-----	14338
Brazil, agricultural commodities, agreement-----	15121
Bread, recipes, Army technical manual-----	13682
Breeding, <i>see</i> Cattle.	
Bribery, sporting contests, prohibit schemes, law-----	13866
Bridge of understanding (address)-----	13821
Bridges, suspension, technical manual-----	13680
<i>see also</i> names of bridges, or bodies of water to be bridged.	
Brier, Glenn W., rainfall calendaricties-----	13628
British Isles, <i>see</i> Great Britain.	
British Honduras, economy, basic data-----	14385
Brody, Leon, remarks, June 25, 1964-----	14676
Brogdon, N.J., stability of riprap, etc., overflow embankments, Arkansas River-----	14212
Broilers, <i>see</i> Poultry.	
Bromine, minerals yearbook chapter-----	14731
Brooke, M. M., common intestinal protozoa of man-----	15045

	Entry
Brooke County, W. Va., coal preparation characteristics-----	14746
Brown, Gerald A., address, June 30, 1964-----	14960
Brown, Ronald D., stagnation-point heat transfer in arc-heated subsonic stream-----	14840
Brown, Sidney E., retail sales of broilers and meat as affected by price, display area, and newspaper advertising-----	14171
Brown swiss cattle, <i>see</i> Cattle.	
Browning, James C., continuous flotation of beryl from spodumene mill tailing-----	14748
Bryant, Paul J., extreme vacuum technology and clean surface studies-----	14792
Bryce Canyon National Park, general information-----	14965
Buckles, joins web straps quickly, adjusts easily-----	14827
Budge, Hamer H., nomination, hearing-----	14130
Budgets, <i>see</i> names of departments, etc.	
Building:	
labor and material requirements for private one-family house construction-----	14703
permits, construction reports, announcement and order form-----	13747
Building materials, requirements for private one-family house-----	14703
Buildings:	
Foreign Service, additional appropriations, report-----	13969
historic sites and buildings, national survey, general information-----	14975
maintenance of furniture and furnishings, Navy policy, proceedings, etc-----	15180
Bulgaria:	
legal journals, abstracts-----	14646
provincial press, summaries-----	14461, 14571
Bulletins, <i>see</i> Farmers' bulletins-- <i>also</i> names of departments, etc., issuing bulletins-- <i>also</i> subjects.	
Bulls, DHIA sire summary list, May 1964, Ayrshire, Guernsey, etc-----	13568
Burbank, Jeanne, morphology of PbO ₂ in positive plates of lead acid cells-----	15007
Burial:	
veterans, allowances, amend law-- law-----	13907
report-----	14065
Burkser, Ye. S., meteoritics-----	14906
Burma, Laos boundary, study-----	15100
Burning does not control young hardwoods on shortleaf pine sites in Cumberland Plateau-----	14308
Burns and scalds:	
burn sickness, autoantibodies, specificity, USSR study-----	14473
functional condition of kidneys and toxic properties of sera of animals after repeated thermal trauma, USSR study-----	14468
dogs after thermal burn, change in interstitial water balance, problem, USSR study-----	14474
thermal burns, interrelationship between plasma loss, hemocentration, changes in circulating blood volume and blood pressure, USSR study-----	14472
Bush, Edgar G., use of solid circuits in satellite instrumentation-----	14836
Business:	
government speaks to business (address)-----	13823

INDEX

	Entry		Entry
Business—Continued		Capsules, exploration of atmosphere of Venus	14839
international, publications, check-list	14369	Carbon dioxide, thermal radiation of CO ₂ in atmosphere	14916
overseas business reports	14372-390	Carbon monoxide, catalytic reduction with hydrogen	14773
small business—		Cardiac output, <i>see</i> Blood	
bibliographies	15079-80	Cardiology, dynamocardiography, USSR study	14914
investment program, hearings	14018	Careers, <i>see</i> Civil service—Occupations	
unrelated taxable income, amend Internal revenue code, report	14068	Carefulness, test battery, validation against training school criteria	13633
Business consolidations, mergers and economic concentration in Douglas-fir lumber industry	14331	Cargo, <i>see</i> Shipping	
C			
C-135B, <i>see</i> Airplanes		Caries, <i>see</i> Teeth	
C.F.S. series	14263-266	Carlson, Harry W., numerical method for design of camber surfaces of supersonic wings with arbitrary planforms	14874
C.R.R.E.L., <i>see</i> Cold Regions Research and Engineering Laboratory		Caroline County, Md., soil survey report	15091
Cabbage, insects, control, field experiments	13563	Caroline Islands, free-living Copepoda	14961
Cableways, tramways and suspension bridges, technical manual	13680	Carr, Ira A., Lake Erie explorations, May–Nov. 1960	14273
Cadmium:		Case, Clifford P., testimony, hearings	14156
disposal from national stockpile, law	13869	Cast iron, white, spectrochemical NBS standards preparation	14935
minerals yearbook chapter	14732	Castings molds, <i>see</i> Molds (forms)	
Calcium and calcium compounds, minerals yearbook chapter	14733	Castings, investment and chill casting, problems	14476
Calculations, <i>see</i> Numerical calculations		<i>see also</i> Molds (forms)	
California:		Catalog cards, Library of Congress, music and phonorecords	14718
climatic summary, 1931–52	15152	Catalogs:	
electric rate book	14246	copyright entries	14158
northern Coast Ranges, stream hydrology related to optimum discharge for king salmon spawning	14357	Library of Congress, music and phonorecords	14718
weather stations, decadal census	15156	Catalysts, metallic, interaction with cyclohexane, USSR study	14456
<i>see also</i> Central Valley project		Catalytic reduction of carbon monoxide with hydrogen	14773
Callaghan, Edmund E., azimuthal magnetic field of thick, finite-length, helical solenoid	14895	Cattle:	
Camber (aircraft):		dairy, DHIA sire summary list, May 1964, Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, and Red Dane sires	13568
design of surfaces of supersonic wings with arbitrary planforms, numerical method	14874	forage and management in long leaf-slash pine forests	13583
Cambodia, Laos boundary, study	15090	Caudill, Arley T., foreign trade regulations of Spain	14375
Campaigns (political), <i>see</i> Elections		Causes and prevention of failure of septic tank percolation systems	14240
Campobello International Park, <i>see</i> Roosevelt Campobello International Park		Cedar Bayou, flood control survey, authorize, report	14089
Canada:		Celestial background radiation	13626
continental radar defense system, agreement	15123	Cells, human malignant tumor, radiation effect on RNA and RNA metabolism	14574
ionospheric research, agreement	15112	Cells (electrolytic), <i>see</i> Electrolytic cells	
Roosevelt Campobello International Park, establish, law	13911	Cement:	
trade in manufactured products, 1961–62	14392-394	portland—	
Cancer:		plastic fibrous reinforcement, white, from Japan, determination of no injury to U.S. industry	14201
cells, radiation effect on RNA and RNA metabolism	14574	Census:	
malignant neoplasms, age-adjusted and age-specific death rates, 1960	15041	decennial, climate, United States	15154-155
mortality patterns among U.S. uranium miners and millers, 1950–62	15044	government 1962, publication program, list	13771
skin, health information	15050	machine-readable data available, inventory	13769
Candy, <i>see</i> Confectionery		population 1960, final reports	13773-774
Cantaloupes, <i>see</i> Muskmelons		<i>see also</i> subjects.	
Cape Henry Memorial, general information	14966		
Capitol:			
grounds, vehicular tunnel, locate under certain parts, authorize, report	14092		
pages, residence, report	14087		
Caporaso, A. P., forest area and timber volume in western South Dakota	14320		

Entry	Entry		
Census Bureau : schedule -----	13748	Chesapeake Bay, additional bridge across, report -----	13954
special services performed, ma- chine-readable data available, inventory -----	13769	Chicago, Ill., Federal paperwork junc- gle, hearing -----	14014
Central America, recent Foraminifera off Central America (series)---	14342	Chief Joseph Dam project : Chelan division— construct, etc., Manson unit, re- port -----	14052 13921
Central Arizona project, authorize, construct, and maintain, hear- ings -----	14142	Child placing, responsibility under social security act, extend pres- ent provision, law -----	13894
Central force laws for elliptic orbit.	13636	Child welfare, <i>see</i> Children.	
Central States Forest Experiment Station, report, 1963-----	14301	Child welfare institutions, cost analy- sis project -----	13781
Central Valley project, Auburn- Folsom South unit, construct, etc., hearings -----	14008	Child Welfare League of America, project on cost analysis in chil- dren's institutions -----	13781
Cereals, <i>see</i> Grain.		Children : child welfare statistics, 1963-----	13784
Cereals as food, recipes, Army tech- nical manual -----	13682	Cuban refugees, care away from home, observation of reporter- dependent, public assistance to families, money payments to recipients, Oct. 1963-----	13779 14215
Cerium, metal, electrical resistivity from 4° to 300° K-----	14761	how they develop intellectually, implications of changing ideas- mentally retarded, closed short-term group as treatment adjunct for parents -----	13777 13776
Cerium isotopes, Ce-144, determina- tion in vegetation and soil---	13696	of veterans with wartime total disability, educational assist- ance, law -----	13909
Cesium : thermionic diode, application of study of zero-field electron work function of metal im- mersed in gas -----	14880	phenylketonuric, group guidance for parents -----	13780
thermionic vapor converters for nu- clear applications, research program -----	14786	research and informed judgment on grouping children, guide -----	14186
Chad, economy, basic data -----	14377	<i>see also</i> Child placing.	
Chaney, Lucien W., infrared interfer- ence spectrometer, its evalua- tion, test and calibration---	14774	Children's Bureau : project on cost analysis in chil- dren's institutions -----	13781 13784
Chang In Wu, <i>see</i> Wu, Chang In.		statistical series-----	
Chapogus, Peter G., prepackaging let- tuce at shipping point-----	13591	Chin, J., graphite-matrix fuels devel- opment for AVR. final report---	13693
Charleston, W. Va., occupational wage survey -----	14699	Chin-Bing, Nora, relief-----	14039
Charlotte, N.C., occupational wage survey -----	14697	China : Communist— agriculture, animal husbandry and materials -----	14656 14449
Charts, <i>see</i> special subjects.		digest -----	
Checklists, <i>see</i> subjects.		industry, mining, fuels and power -----	14412, 14537, 14643
Chelan division, <i>see</i> Chief Joseph Dam project.		journey without adventure and fantasy, USSR book-----	14451
Chemical bond, <i>see</i> Valence.		Laos boundary, study-----	15101
Chemical industries, <i>see</i> Chemicals.		Po-I-Po distorts facts, USSR article -----	14518
Chemical kinetics, <i>see</i> Chemical reac- tions.		political and sociological infor- mation -- 14413, 14529, 14557, 14655	14411, 14624
Chemical reactions, kinetics, homo- geneous reactions, tables---	14936	science and technology-----	14111, 14624, 14644.
Chemical warfare : protecting food and water against chemical - biological-radiologi- cal attack, USSR -----	14555	scientific abstracts -----	14447, 14566, 14653
protection of grain products from radioactive, chemical, and bacte- rial substances discussed, USSR -----	14591	trade, finance, transportation and communications -----	14531, 14641
Chemicals, USSR industrial develop- ment, translations.-----	14599, 14631	Republic, agricultural commodi- ties, agreement -----	15124
Chemiluminescence, <i>see</i> Luminescence.		Chiu, Hong-Yee, supernovae, neutri- nos, and neutron stars-----	14845
Chemistry : analytical, ORNL master manual of methods— index -----	13712	Chromatography, gas, persistence of telodrin and DDT on sweet corn -----	13564
supplement -----	13713	Chromosphere, <i>see</i> Sun.	
East European scientific abstracts.	14431, 14600	Chromium, pentavalent complexes, investigated by means of elec- tron-spin resonance-----	14622
USSR, large-scale development----	14533	Chronic Diseases Division, mental re- tardation program -----	15059
USSR scientific abstracts-----	14577	Chute, A. Hamilton, retail merchand- ising and promotion-----	15080
<i>see also</i> Biochemistry—Geochemis- try—Organic chemistry.			
Chemotherapy, tumors, USSR study.	14617		
Chen, Francis F., excitation of elec- trostatic oscillations in mag- netic field -----	13698		
Cherries : production, use, value, by States, 1962-63 -----	15129		
sour, crop production report-----	15131		
tart cherry industry, Great Lakes States, production costs-----	14170		

INDEX

	Entry	Entry
Cigarette tobacco, <i>see</i> Tobacco.		
Cigarettes, blended, flavor contribution of Turkish tobacco	13571	
Cincinnati, Ohio, occupational wage survey	14700	
Circuits, <i>see</i> Electric circuits—Electronic circuits—Printed circuits.		
Circulars, <i>see</i> names of departments, etc., issuing circulars.		
Circulation of blood, <i>see</i> Blood.		
Cities and towns:		
health workers, community's interest in health and safety of (remarks)	14672	
mass transportation act of 1963, law	13913	
small town organizes basic services for its aging	15171	
standard metropolitan statistical areas, U.S. and Puerto Rico, 1963, defined by Bureau of Budget, map	13775	
<i>see also</i> Redevelopment (city planning, etc.).		
Citizens of United States, abundance and liberty for all as national goal, blueprint for action (address)	15024	
<i>see also</i> American nationals.		
Citizenship:		
becoming a citizen series, our United States	14360	
Federal textbook on citizenship	14360	
Citizenship Day, bulletin	14359	
Civil Aeronautical Research Institute, reports	13726-737	
Civil aeronautics, <i>see</i> Aeronautics.		
Civil Aeronautics Board, regulations, revisions	13791	
Civil air regulations, <i>see</i> Aeronautics.		
Civil defense, <i>see</i> Civilian defense.		
Civil Defense Office:		
FG series	13793	
Instructor's guide IG series	13794	
Civil rights:		
act of 1964—		
hearing	14017	
law	13900	
report	13959	
to further realization of national goals (remarks)	15035	
equal employment opportunity program in Post Office Department, summation (address)	15028	
Civil Rights Commission:		
extend—		
hearing	14017	
law	13900	
report	13959	
Civil service:		
career opportunities, trades and crafts	13805	
examination announcements		
apprenticeship and training representative	13807	
astronomer in Federal agencies in Washington, D.C. area	13798	
auditor	13796	
current	13799-802	
economist	13808	
engineer	13810	
supplement	13806	
food and drug officer, Food and Drug Administration	13803	
hearing examiner	13811	
medical officer, amdt	13795	
postmasters	13797	
warehouse examiner	13809	
Civil Service Commission:		
interagency training programs, 1964-65	13804	
pamphlet	13805	
Civil War, 1861-65, naval chronology, pt. 4, 1864	14996	
Civil War Centennial Commission: appropriations, 1965—		
law	13904	
report	13951	
Civilian defense:		
act of 1950, amend—		
hearing	14127	
report	14070	
emergency hospitals—		
custodians handbook	15053	
pre-positioned and training, storage locations	15052	
FG series	13793	
national plan, authorities, extend—		
hearing	14127	
report	14070	
training literature available, Hist. USSR—	15051	
military translations	14478	
training villages, what they should look like	14517	
Civilians, industrial technology program in textiles	13822	
Clague, Ewan, address, Apr. 10, 1964	14708	
Clarendon oil reservoir, hydraulic fracture treatments	14753	
Clark, John B., sea-water systems for experimental aquariums	14282	
Clark, Willie E., index to conferences abstracted in nuclear science abstracts	13709	
Classification, crime, logical forms, USSR study	14452	
<i>see also</i> names of substances, objects, etc., classified.		
Classification bulletins, Patent Office	15018-19	
Classification tests, <i>see</i> Aptitude tests.		
Classrooms, facilities planning aids, college and universities	14178	
Clay, Cassius, boxing activities, investigation, hearings	14150	
Clay, sediments, removal of water and rearrangement of particles during compaction	14346	
Clayton act, <i>see</i> Monopolies.		
Cleaning, laboratory-industrial, techniques and materials	14167	
Cleaning compounds, laboratory-industrial cleaning techniques and materials	14167	
Clearinghouse Exchange, publications of State departments of education, secondary education personnel	14179	
Cleary, Joseph W., theoretical aerodynamic characteristics of sharp and circularly blunt-wedge airfoils	13904	
Climate:		
California, summary 1931-52	15152	
climatography of United States—		
climatic summary of United States, supplement for 1931-52	15125	
decennial census of U.S. climate	15154-155	
Texas and adjacent Gulf waters	15151	
Climatography, <i>see</i> Climate.		
Clinical Center, National Institutes of Health, nursing	14949	
Clinical physiology, <i>see</i> Physiology.		
Clinics, outpatient psychiatric, 1963 directory	14948	
Close, Kathryn, Cuban children away from home	13779	
Clothing, apparel, current industrial reports	13751	

AUGUST 1964

	Entry		Entry
Coal:		Collins, William E., task, control of	
New Mexico, hydrogenation at		arousal and effects of repeated	
short residence and high tem-		unidirectional angular accel-	
perature -----	14752	eration on human vestibular re-	
preparation characteristics-----		sponses -----	13731
Brooke County, W. Va -----	14746	Colonie Town, N.Y., population, spe-	
Hancock County, W. Va -----	14746	cial census -----	13766
Marshall County, W. Va -----	14746	Color photography, camera filters, se-	
Ohio County, W. Va -----	14746	lection -----	14934
Coal mines and mining:		Color vision, USSR studies -----	14525
anthracite mining industry, wage		Colorado River and Valley:	
chronology, 1930-59 -----	14689	flood control works, joint construc-	
Pennsylvania, bituminous strip		tion, etc., with Mexico, conclu-	
mine spoils, 2d year results of		sion of agreements-----	
hybrid poplar test plantings--	14321	hearings -----	14000
Coast Guard:		report -----	13966
Florida, inspection report -----	14012	hydroelectric projects below Glen	
oceanographic reports-----	13814-815	Canyon Dam, preserve jurisdic-	
passenger vessels, rules and regula-		tion of Congress overconstruc-	
tions -----	13816	tion-----	
Coast Ranges, northern California,		hearing -----	14009
stream hydrology related to		report -----	13975
optimum discharge for king sal-		increasing precipitation in basin by	
mon spawning -----	14357	artificial means, hearing -----	14146
Coating materials:		Lower Colorado River land use	
coatings for concrete -----	14208	plan -----	14364
protection of reinforcing steel-----	14207	Mexico, delivery of water to, special	
Cobalt isotopes, Co 60, Albany fac-		studies -----	15077
ility, high-level gamma ray do-		snow survey measurements, 1919-	
sिमetry -----	14747	63 -----	15090
Cochran County, Tex., soil survey re-		Columbia River and Valley:	
port -----	15092	snow survey and soil measurements	
Code of Federal regulations -----	14255	for drainage in Canada -----	15089
Codes, see subjects.		snow survey measurements, 1919-	
Codes of law, United States, 1958 edi-		63 -----	15090
tion, cumulative supp. -----	13838	upper basin, surface water records,	
Coffee, soluble and instant, provide		Oct. 1950-Sept. 1960 -----	14354
duty-free importation, law-----	13886	Comets, astrophysics study -----	14772
Cohen, Ira, non-destructive measure-		Command (military):	
ment of U-235 retained in ab-		field command procedures, main-	
solute air filters -----	13704	tenance management -----	13683
Cold Regions Research and Engineer-		Commerce:	
ing Laboratory, research re-		changing political and economic cli-	
ports -----	14202-203	mate in world trade (re-	
Cole, William A., soil survey, Jackson		marks) -----	13830
County, Miss -----	15093	Communist China's trade, transla-	
Colket, Meredith B., jr., guide to gene-		tions -----	14531, 14548
alogical records in National		east-west trade expansion and U.S.	
Archives -----	14931	participation (remarks) -----	13828
Colleges and universities:		foreign agricultural trade, calendar	
classroom facilities planning aids.		year 1963 -----	14176
earned degrees by field of study and		foreign trade-----	
level projected to 1975 -----	14181	East European, translations -----	14415,
finance series -----	14195	FT reports -----	14540
financing graduate education -----	14184	United States, leading commodi-	
financing higher education -----	14185	ties in 1963 -----	13768
national defense education act of		foreign trade regulations-----	
1958, counseling and guidance		Argentina -----	14380
training institutes program,		Austria -----	14381
policies and procedures man-		Germany, Federal Republic -----	14379
ual -----	14191	Guatemala -----	14374
physical facilities series -----	14178,	Ireland -----	14386
Poland, admissions rules, student		Nicaragua -----	14384
activities, and curriculums in		Spain -----	14375
higher education -----	14187	Thailand -----	14378
salaries and student charges, 1963-		Turkey -----	14376
64 -----	14195	West African Customs Union	
science facilities planning aids.		(Dahomey, Ivory Coast, Mali,	
student assistance act of 1965,		Mauritania, Niger, Senegal,	
hearings -----	14151	Upper Volta), and Togo -----	14383
teaching about United Nations in		international commerce, weekly,	
United States, 1960-1963, re-		supplement -----	14370
port -----	14190	interstate, steel containers labeling,	
Collimators, attachment converts mi-		report -----	13983
croscope to point source auto-		trade mission to Philippines in	
collimator -----	14829	early 1965 -----	14391
Collins, A. Gene, oilfield waters, meth-		United States foreign trade, Jan-	
ods of analyzing selenium and		Mar. 1964 -----	14390
tellurium -----	14756	see also names or classes or articles	
Collins, LeRoy, nomination, hearing--	14132	of commerce.	
Collins, Theodore C., market for semi-		Commerce City, Colo., accident-----	14405
conductor devices in West			
Germany and Italy -----	13740		

INDEX

	Entry		Entry
Commerce Committee, Senate :		Compton, W. Dale, experimental investigation of radiation effects in semiconductors	14891
hearing	14132	Computers, see Electronic computers.	
report	14051	Concrete :	
Commercial banks, see National banks.		mattresses, stainless and copper-clad steel wires, galvanic effect	14214
Commercial fisheries, see Fish and fisheries.		protective coatings	14208
Commercial Fisheries Bureau :		reinforcing steel, protection from corrosion	14207
Branch of Technology publications, 1955-59, index	14277	Conditions and limitations on general license provisions of 16 CFR 150.20	13720
report, 1962	14281	Conduct of life, see Ethics.	
Commercial products :		Cones :	
exports, statistical classification, schedule B, changes	13748, 13770	right circular, for supersonic flow at zero yaw in air as perfect gas, correlation graphs	14872
imports, foreign trade reports	13768	right circular supersonic flow around, at small angle of attack, tables	14796
leading commodities in U.S. foreign trade, 1963	14389	Confectionery, additives, amend food, drug, and cosmetic act, report	13981
market for U.S. products in Venezuela	14370	Conference on Meteorological Support for Aerospace Testing and Operation proceedings, July 1963, errata	14795, 13951, 13961
selected consumer goods, trade of United States, Western Europe, Canada and Japan, 1961-62	14394	Conference committees, reports, 13955, 13958,	13961
trade in manufactured products, 1961-62, United States, Western Europe, Canada and Japan	14392-394	Conferences, congresses, etc. :	
U.S. share of world markets for manufactured products, analysis of changes from 1954-61	14395	index to conferences abstracted in nuclear science abstracts	13709
USSR consumer goods and domestic trade, translations	14651	nuclear science conference literature, availability	13717
Commissioned officers, see Public Health Service.		Soviet bloc	14595
Commissioners of District of Columbia, see District of Columbia.		see also names of conferences, etc.—also subject of conference.	
Commodities, see Agricultural products—Commercial products.		Configurations :	
Commodity Credit Corporation :		blunted cylinder-flare, ablation, investigation to Mach number of 8.48	14884
cotton export financing	14289	supersonic transport, take-off performance (Leopoldville)	14855
report, 1963	13832	Congo (Leopoldville) :	
Commonwealth Parliamentary Association, Senate observers attendance at meeting, report	14102	agricultural commodities, agreement	15107
Communications :		Congress of United States :	
Army, troop topics	13675	congressional record, 88th Cong., 1st sess., bound volumes	13833-836
Communist China, translations	14531, 14548, 14641	integrity, promote public confidence, hearings	14156
procedures, ATS handbook	13654	major legislative actions, 88th Congress	13917
satellite act of 1962, activities, review, hearings	14002	Congressional record, of United States.	
satellites—		Congressional serial set	13889
bibliography	14799	Conley, Thomas D., sunrise effects on east-west ionospheric propagation paths	13620
non-linear noise analysis in FDM telephony transmission	14892	Connecticut, weather stations, decadal census	15161
USSR, translations	14526	Conscription :	
Communications Satellite Corporation, activities and accomplishments, review, hearings	14002	exemption of sole surviving son whose father died as result of military service—	
Communism, international developments, translations	14425, 14443, 14482, 14494, 14530, 14550, 14585, 14657.	law	13908
Communist China, see China.		report	14069
Communist Party of Mongolia, history	14565	Conservation notes	14274
Communities, see Cities and towns.		Constitution of United States :	
Community facilities, health services for chronically ill and aged, PHS project grants program	15166	amendments, Presidential inability and succession to office of Vice President, hearings	14148, 14256
Community health, see Health.		text	14359
Community health services see Health.		Constitution Week, bulletin	
Community Relations Service :		Construction, see Building—Construction industry—Installations (military).	
director, nomination of LeRoy Collins, hearing	14132	Construction industry :	
establish—		construction activity, report, announcement and order form	13747
hearing	14017	construction reports, announcement and order form	13747
law	13900		
Compacts (Interstate), see Interstate agreements.			
Companies, mortgage insurance, Federal Home Loan Bank Board inquiry, statement	14238		
Compensation, see Wages.			

	Entry
Consuls, convention with Russia, text, etc	14028
Consumer goods, <i>see</i> Commercial products.	
Consumers:	
American consumer, king or pawn? (address)	13820
expenditures and income	
rural nonfarm areas in western region, 1961	14687
urban places, western region, 1960-61	14686
household, acceptance of instant sweetpotato flakes	13588
shopping, publications, list	15032
Contagion and contagious diseases, <i>see</i> names of diseases.	
Containers:	
insert, loading	13681
steel, labeling, report	13983
<i>see also</i> types of containers.	
Continental Air Lines, Inc., accident.	13788
Continental Shelf, law of the sea, convention adopted by UN conference Geneva, Apr. 29, 1958	15114
Continuing overall economic development programs	13662
Contractor reports NASA CR (series)	14767-702
Contracts, <i>see</i> Government contracts.	
Control (vehicle), <i>see</i> Airplanes—Helicopters—Rockets—Spacecraft.	
Control surfaces, <i>see</i> Missiles.	
Control systems:	
automatic, USSR study	14438
doubling actuating elements, USSR study	14573
lags and man-machine system performance	14791
nonlinear adaptive systems with storage	14777
proportional-type lateral, capability of providing aerodynamics heading-angle trajectory control during reentry	14876
theory, problems, USSR studies	14632
Controlled nuclear fusion	13723
Conventions and treaties, <i>see</i> subject.	
Converters, <i>see</i> Thermionic converters.	
Conveyances, aircraft, validity of titles, law	13895
Cook, A. Clinton, Mexican winter vegetable production, survey	14288
Coolants, integral channels are simply made by melt-out method	14807
Cooling, hot-wire transducer, prolongs life	14804
<i>see also</i> names of commodities.	
Cooper, James D., kyanite and related minerals, minerals yearbook chapter	14739
Cooperation in forestry, 1962 yearbook, Department of Agriculture, Forest Service, intermountain region	14297
Copeland, William L., employment of scientific and technical personnel in State government agencies, 1962	14705
Copepods, free-living, Ifaluk Atoll in Caroline Islands	14961
Copper:	
reverberatory slags, smelting to recover iron of low copper and sulfur content	14762
stainless steel and copper-clad steel wires, reinforcement for concrete mattresses, galvanic effect	14214
Copyright, catalog of copyright entries	14158
Copyright Office, report, 1963	14157
Corbett, William J., pigment particle size separation	14787

	Entry
Corelli, John C., radiation damage to semiconductors by high-energy electron and proton radiation	14775
Corn:	
composition of commercial grades	13570
sweet, persistence of telodrin and DDT as determined by gas chromatograph	13564
Corporations, income tax rate, extension, reports	13955, 14057
Corregidor-Bataan Memorial Commission:	
appropriations, 1965—	
law	13904
report	13951
Correlation graphs for supersonic flow around right circular cones at zero yaw in air as perfect gas	14872
Corrosion and anticorrosives, reinforcing steel, protection	14207
Cortright, Edgar M., unmanned spacecraft of U.S.	14793
Cosmetics:	
food, drug, and cosmetic act, text and enforcement regulations, revised pages	14287
lip, hair and face preparations, flammability in presence of 100 percent oxygen	13729
Cosmic rays:	
intensities and variations prior to and during magnetic disturbances, USSR papers	14908
use of penetrating cosmic radiation for determination of mean rock-density values, USSR study	14445
USSR articles	14907
COSPAR, <i>see</i> Space Research Committee.	
Cost:	
cost analysis project in children's institutions	13781
farms, commercial, by type, size, and locations	13582
geographic mobility	13663
production, methods of reducing, USSR articles	14437
<i>see also</i> subjects.	
Cotton:	
fiber length distribution and yarn quality, effects of gin drying and cleaning	
Iran	13589
Iran	14492
production, crop of 1963	13749
sold for export, organization and financing of U.S. trade, foreign buying practices, etc	14289
USSR production report of U.S. technical study group, addendum	13397
varieties planted in early producing section of Texas, 1964	13561
woven goods finished, current industrial reports	13753
Yazoo-Mississippi Delta, fiber and spinning properties of cotton as affected by certain harvesting and ginning practices, 1959-60	13587
Cotton gins and ginning:	
gin drying and cleaning of cotton, effects on fiber length distribution and yarn quality	13589
Yazoo-Mississippi Delta, effects of certain practices on fiber and spinning properties of cotton, 1959-60	13587
Counseling:	
basic supervisory training course	15082
national defense education act of 1958, training institutes, program, policies and procedures manual	14191

INDEX

	Entry		Entry
Counting devices, electromechanical fishing and counting fence used in Ireland-----	14267	Current industrial reports-----	13750-761
Cows, <i>see</i> Dairy herd improvement associations.		Current projects on economic and social implications of science and technology, 1963-----	14987
Cox, John T., relief-----	13847	Current retail trade reports-----	13767
Crabs, <i>see</i> Blue crabs.		Curriculum, high school subjects, offerings and enrollments, 1960-61, summary-----	14198
Crafts, protective and custodial employees, <i>see</i> Government officials and employees.		Curtis, James D., what do you mean, site preparation-----	14318
Cramer, Owen P., fire season in Pacific Northwest, 1963-----	14304	Curtis, Marjorie, relief-----	14046
Credit insurance, programmes d'assurance et garantie de credit applicables aux exportations des Etats Unis-----	13824	Cushioning materials, for harvesting and handling fruits and vegetables-----	13567
Credit unions, District of Columbia, repeal act, report-----	14105	Custodians, handbook, civil defense emergency hospital-----	15053
<i>see also</i> Federal credit unions.		Customs, <i>see</i> Tariff.	
Crews, <i>see</i> Submarine crews.		Cybernetics, technical, USSR news-----	14510
Crime and criminals:		Cyclohexane, interaction with surface of metallic catalyst, USSR study-----	14456
crime classification, logical forms, USSR study-----	14452	Cylinders:	
District of Columbia, legislation, report-----	14101	blunt-nosed, hypersonic flow fields, parametric study-----	14875
persons under supervision of Federal probation system, 1963 report-----	13556	blunted cylinder-flare configuration, ablation, flight investigation to Mach number of 8.48-----	14884
uniform crime reports, U.S., 1963-----	14232	shell, liquid-filled, equations of axially symmetric vibrations-----	14924
Criminal jurisdiction, status of forces agreement, operation, report-----	14100	Cyprus, evacuation of dependents of Armed Forces from Panama and Cyprus, payment of expenses, authorize, report-----	13937
Critical materials, <i>see</i> Strategic materials.		Cytology, USSR scientific council, proceedings of 1st session-----	14538
Croker, Thomas C., jr., two H-C furrow seeders-----	14327	Czechoslovakia, provincial press, summaries-----	14448, 14601, 14649
Crooked River project, extend, report-----	14072		
Crooks Gap, Wyo., geology and uranium deposits-----	14337	D	
CRREL, <i>see</i> Cold Regions Research and Engineering Laboratory.		D.H.I.A., <i>see</i> Dairy herd improvement associations.	
Crumbly, Kenneth H., spectrographic data from reentrals of Trail-blazer IIB-----	14880	Dahomey, foreign trade regulations--	14383
Cryogenics:		Dairy cattle, <i>see</i> Cattle.	
elastomers evaluation for potential use-----	15017	Dairy herd improvement associations: cow performance index list, registered progeny of AI sires-----	13569
solutions and solubilities in liquid fluorine-----	14850	sire summary lists-----	13568
systems, composite, vacuum-jacketed tubing replaces bellows-----	14806	Dalgarno, A., planetary physics, photoionization of atomic oxygen-----	14779
waveguide window sealed with plastic foam-----	14817	Dalrymple, Dana G., processing plant feasibility, bibliography-----	14236
Cryopumping of hydrogen in vacuum chambers is aided by catalytic oxidation of hydrogen-----	14803	Dalton, Leonard M., relief-----	13848
Crystallography:		D'Amico, Louis A., financing higher education-----	14185
high density graphite recrystallized by hot forming-----	13652	Dams, <i>see</i> names of dams or bodies of water.	
vacancy formation in gold under high pressure-----	14894	Dannenber, R. O., beryllium solvent extraction of Spor Mountain, Utah ore-----	14751
Cuba, translations-----	14498, 14519, 14579, 14619, 14637	Data, <i>see</i> subjects.	
Cubans, refugee children away from home, observation of reporter-----	13779	Data processing, <i>see</i> Electronic data processing systems.	
Culture:		Davis, Albert B., tobacco production and marketing in Southern Rhodesia, Northern Rhodesia, and Nyasaland-----	14291
cultural relations, agreement with USSR-----	15118	Davis, Grant, second-year results of hybrid poplar test plantings on bituminous strip mine spoils in Pennsylvania-----	14321
educational and cultural exchange program of State Department, American grantees, 1963, list-----	15096	Davis, Jeanne M., farm vacation enterprises in Ohio-----	14168
exchange program, agreement with Liberia-----	15122	Davis-Bacon act, <i>see</i> Government contracts.	
exchange programs, planning and development, key contacts, interagency directory-----	15098	Days, <i>see</i> names of special days.	
Cumberland Plateau, burning does not control young hardwoods on short leaf pine sites-----	14308	DDT:	
Current construction reports, announcement and order form-----	13747	and DDE residues in soil of aerial test circle-----	14329
Current fishery statistics, C.F.S. series-----	14263-266	persistence on sweet corn as determined by gas chromatography-----	13564
		Dean, Stuart E., public elementary school approval and accreditation-----	14192

	Entry		Entry
Death:		Deurbrouck, Albert W., preparation	
accidental, statistics-----	15040	characteristics of coal from	
age-adjusted and age-specific rates		Hancock, Brooke, Ohio, and	
for malignant neoplasms,		Marshall Counties, W. Va.-----	14746
1960-----	15041	Development research digest-----	14396
cancer mortality patterns, uranium		Devils Postpile National Monument,	
miners and millers, 1950-62-----	15044	general information-----	14967
Debt, enlisted members of Armed		Dewar flask, helium desorption, drastic	
Forces and Reserve components,		reduction of warm-up rate	
permit cancellation, report-----	13941	within system-----	13639
<i>see also</i> Public debt.		Dezzani, Peter H., evaluation of UH-	
DeCarlo, Vincent J., cometary astro-		1B with 60-gallon external fuel	
physics-----	14772	tanks-----	13623
Decoy trap for blackbirds and star-		DHIA, <i>see</i> Dairy herd improvement	
lings-----	14275	associations.	
Deductions, <i>see</i> Income tax.		Diabetes, source book-----	15046
Deep-sea domestic waterborne traffic,		Diatom molecules, <i>see</i> Molecules.	
1958-62-----	14400	Diatomite, minerals yearbook chapter	
Defense, <i>see</i> Civilian defense-National		-----	14734
defense.		Di Censo, Giuseppe, relief-----	14035
Defense Department:		Dichloro-diphenyl-trichloro-ethane,	
appropriations, 1965, hearings-----	14125	<i>see</i> DDT.	
Assistant Secretary, nomination of		Dictionaries, cataloged by ASTIA,	
Solis Horwitz, hearing-----	14127	bibliography-----	14166
impact of military and related civilian		Dieter, W. E., stainless steel fume	
supply and service activities on		hood for safety in use of perchloric	
economy, hearings-----	13916	acid-----	14755
military construction authorization,		Differential equations, <i>see</i> Equations.	
1965, report-----	14053	Diffusers, supersonic aerodynamics	
military handbooks-----	14162-163	handbook-----	15008
military standards-----	14164	Diffusion, downwind from line sources,	
Defense production act, <i>see</i> Production		operational prediction-----	13627
tion.		Digests, <i>see</i> names of departments,	
Defense Supply Agency, equal employ-		etc., issuing digests— <i>also</i> subjects.	
ment opportunity-----	14160	Digital computers, <i>see</i> Computers.	
Deformations (mechanics):		Digital logic elements provide additional	
determination in flexible plates and		functions from analog	
shells by method of photoelastic		input-----	14822
coatings-----	14925	Dill, D. B., work tolerance, age and	
rock deformation apparatus, applica-		altitude-----	13735
tion of induction heating to-----	13631	Dille, J. Robert, flammability of lip,	
Degrees (colleges, universities, etc.):		face and hair preparations in	
earned by field of study and level		presence of 100% oxygen-----	13729
projected to 1975-----	14181	Diodes:	
Delaware River Port Authority, compact		cesium thermionic, application of	
concerning, consent of Congress, law		study of zero-field electron	
-----	13870	work function of metal immersed in	
Delta (ocean station), <i>see</i> Weather		gas-----	14880
stations.		tunnel—	
Delta wings, <i>see</i> Wings (aircraft).		amplifiers, model EK/A-S, etc.-----	13618
Demonstration notes, experimental		incorporated in monostable multi-	
and demonstration manpower		vibrator circuit-----	14816
programs (series)-----	14663-664	Directories:	
Demonstration projects, <i>see</i> Recreational		interagency, planning and develop-	
areas and demonstration		ment, educational, cultural,	
projects.		scientific and technical exchange	
Dentistry, dental public health, intro-		programs, key contacts-----	15098
duction-----	15057	primary wood industries of Ken-	
Dentists, role of dentist in national		tucky-----	14307
disaster-----	15063	psychiatric clinics-----	14948
Dependents, <i>see</i> Armed Forces.		Disability insurance, social security	
Deployable centrifugally stabilized		program, facts and figures-----	15083
structures for atmospheric entry		Disabled:	
from space-----	14782	help needy disabled, general infor-	
Depth perception, <i>see</i> Perception.		mation-----	14216
Descriptors, <i>see</i> subject headings.		public assistance, money payments	
Design (Industrial):		to recipients, Oct. 1963-----	14215
safety design considerations for lay-		<i>see also</i> Veterans.	
out of facilities placement of		Disarmament:	
equipment, and production		arms control and disarmament, re-	
processes (remarks)-----	14682	search studies in progress or	
Desorption, helium, drastic reduction		recently completed-----	15106
of warm-up rate within Dewar		economic and social consequences-----	13668
system-----	13639	Disasters:	
Desoxyribonucleic acid, stability of		national, role of dentist-----	15063
functionally heterogenous portions		what is your job in war disaster	
to ionizing radiations, USSR study		(address)-----	14219
-----	14623	Disbursing officers, Treasury Depart-	
Detectors, pyroelectric detection tech-		ment, regulations-----	15139
niques and materials-----	14770		
Determination of radium in water-----	14349		

INDEX

Entry	Entry	Entry	Entry
Discrimination in employment: age basis by Federal contractors and subcontractors, Executive order against-----	14669	Drugs: food, drug, and cosmetic act, text and enforcement regulations, revised pages-----	14287
equal employment opportunity in Defense Supply Agency-----	14160	trade of United States, Western Europe, Canada, and Japan in pharmaceutical products, 1961-62-----	14392
Diseases, see names or classes of dis- eases.		<i>see also</i> Tranquillizing drugs.	
Diseases of plants, <i>see</i> names of dis- eases or plant affected.		Ducks, <i>see</i> Wood ducks.	
Display of merchandise, affects retail sales of broilers and meat-----	14171	Ducts (aircraft): supersonic aerodynamics handbook-----	15008
Display systems, alpha-numeric, in- formation assimilation, amount and density presented-----	13685	Dust, control measures at Long Island, Port Isabel, Tex., authorize, law-----	13876
Dissociation, <i>see</i> Ion dissociation.		Duthie, Richard E. C., engineering ma- terials list-----	13710
District of Columbia: Commissioners, locate vehicular tunnel under parts of Capitol grounds and Botanic Garden grounds, authorize, report-----	14092	Duties, <i>see</i> names or classes of articles imported.	
credit unions act, repeal, report-----	14105	Duval, Wilbur I., instrumentation to record vibrations produced by blasting-----	14763
crime legislation, report-----	14101	Dwarf mistletoe, <i>see</i> Mistletoe.	
divorce, legal separation and annul- ment laws, amend, report-----	13972	Dynamics: pilots' response to effects of high sustained acceleration-----	14843
Federal paperwork jungle, hear- ings-----	14014	touchdown analysis of spacecraft for soft lunar landing, errata-----	14842
fish and wildlife regulations-----	14276	Dynamocardiography-----	14914
milk, ice cream, etc., packaging sizes, amend act, report-----	14106	Dysbarism, various aspects of symp- toms and signs-----	13646
policemen and firemen, restrictions on residence, repeal, report-----	13976		
District of Columbia Committee, House, reports-----	13972, 13974	E	
District of Columbia Committee, Sen- ate, reports-----	14101, 14105-107	E. R. S., <i>see</i> Economic Research Service.	
Diving, deep sea, neon solubility de- termination in water and ex- tracted human fat-----	13650	Earlham, Iowa, organizes basic serv- ices for its aging-----	15171
Divorce, District of Columbia laws, amend, report-----	13972	Earnings, <i>see</i> Wages.	
DNA, <i>see</i> Deoxyribonucleic acid.		Earth, middle ultraviolet radiance of earth and its limb-----	14885
Documents Office, <i>see</i> Public Docu- ments Office.		Earth sciences, <i>see</i> Science.	
Documents, <i>see</i> Government publica- tions— <i>also</i> subjects of docu- ments.		Earthquakes: Alaska reconstruction grants— hearings-----	14140
Dodge, Harold R., Douglas-fir tussock moth-----	14300	reports-----	13953, 14067
Dogs: lethal thermal burn, change in in- terstitial water balance, prob- lem, USSR study-----	14474	East (Middle East): indefinable region, geographic no- menclature problems-----	15102
mechanism of autoregulation in in- tact kidney-----	13734	Near and Middle Eastern series-----	15102
seeing eye, guide for totally blind on air carriers, report-----	13973	East (Near East): Educational Materials Laboratory report-----	14183
Dolch, W. L., protective coatings for concrete-----	14208	Near and Middle Eastern series-----	15102
Dollars, purchasing power based on wholesale price index, annual averages, 1890-1963-----	14712	East Europe, <i>see</i> Europe.	
Domicile, policemen and firemen of District of Columbia, repeal re- strictions on residence, report-----	13976	Eaton, William W., remarks, June 15, 1964-----	13831
Dominican Republic, defense, military assistance, agreement-----	15125	Echo (ocean station), <i>see</i> Weather sta- tions.	
Donat, George, address, June 10, 1964-----	13741	Ecology: benthonic species-----	14342
Donnelly, Warren H., nuclear power and merchant shipping-----	13724	Gulf of Mexico commercial sponges and its relation to fishery-----	14283
Dosimetry, high-level gamma-ray, Albany cobalt 60 facility-----	14747	Economic and social consequences of disarmament-----	13668
Douglas fir tussock moth, <i>see</i> Tussock moths.		Economic conditions: advances possible through new pro- posals (address)-----	15172
Dovydenas, Suzanne, current projects on economic and social impli- cations of science and technol- ogy, 1963-----	14987	growth, American achievement, through cooperation of busi- ness, labor and Government (address)-----	13817
Drivers, <i>see</i> Motortruck drivers.		impact of military and related civil- ian supply and service activi- ties on economy, hearings-----	13916
Dropouts, <i>see</i> High schools.		<i>see also</i> names of countries, States, etc.	
		Economic Joint Committee, hearings-----	13916
		Economic Opportunity Office: establish-----	
		hearings-----	14152
		report-----	14120

AUGUST 1964

	Entry		Entry
Economic policy :		Educational boards and departments,	
economic opportunity act of 1964—		State, Clearinghouse Exchange of	
hearings-----	14152	publications, secondary educa-	
report-----	14120	tion personnel-----	14179
regional impact studies, progress		Educational Materials Laboratory, re-	
and problems (address)-----	13825	port on new materials, annota-	
USSR, international economic rela-		tated list-----	14183
tions, translations-----	14518	Eggs, plants operating under inspec-	
USSR system, translations-----	14450, 14533	tion and grading programs,	
Economic Progress, Technology, and		list-----	13557
Automation, National Commis-		Eglin Air Force Base, land convey-	
sion on, <i>see</i> National Commis-		ance to Fort Walton Beach,	
sion on Technology, Automa-		Fla., change designated use, re-	
tion, and Economic Progress.		port-----	14113
Economic Research Service :		Eide, Donald G., variation of pitch	
ERS-foreign series-----	14172	motion of vehicle in space en-	
ERS series-----	14168-171	vironment due to fuel sloshing	
foreign agricultural economic re-		in rectangular tank-----	14869
ports-----	14173-174	Ellertsen, Donald E., beryllium-----	14729
Economics :		Eisenhauer, Charles, engineering	
ARA research program-----	13664	method for calculating protec-	
economic redevelopment research-	13663-	against fallout radiation-----	14938
664		Elastic orifice automatically regulates	
USSR system—		gas bearings-----	14800
current developments-----	14489, 14639	Elastic structures, <i>see</i> Tissues.	
structure and policy, transla-		Elastomers, potential use at cryo-	
tions-----	14450, 14533	genic temperatures, evalua-	
Economists, examination announce-		tion-----	15017
ment-----	13808	Elderly people, <i>see</i> Aged.	
Edlund, Vernal E., smelting copper		Elections, campaign information-----	14021
reverberatory slags to recover		Electric apparatus and appliances,	
iron of low copper and sulfur		USSR industrial development,	
content-----	14762	translations-----	14652
Education :		Electric circuits :	
Algeria, data-----	14182	circuit controls transients in SCR	
around the world, information-----	14182	inverters-----	14815
children of veterans who have war-		efficient circuit triggers high-cur-	
time total disability, law-----	13909	rent, high-voltage pulses-----	14820
comparative, studies (series)-----	14187	<i>see also</i> Printed circuits.	
cooperative research projects, 7 year		Electric conductors, <i>see</i> Semiconduc-	
summary, July 1, 1956-June		tors—Superconductors.	
30, 1963-----	14180	Electric equipment, <i>see</i> Electric appa-	
education briefs-----	14186, 14192	ratus and appliances.	
eliminate unemployment and pov-		Electric generators, <i>see</i> Thermionic	
erty through education (re-		converters.	
marks)-----	14665	Electric heating, classification bulle-	
exchange programs—		tin-----	15018
agreement with Liberia-----	15122	Electric power plants :	
agreement with USSR-----	15118	hydroelectric projects, Colorado	
American grantees, 1963, list-----	15096	River below Glen Canyon Dam,	
planning and development, key		preserve jurisdiction of Con-	
contacts, interagency directory-		gress over construction—	
graduate, financing-----	14184	hearing-----	14009
national defense education act of		report-----	13975
1958, counseling and guidance		Electric resistance, cerium metal from	
training Institutes program,		4° to 300°K-----	14761
policies and procedures man-		Electric waves :	
ual-----	14191	nonlinear interaction of electro-	
pedagogical tasks in pioneer sec-		magnetic wave with time-	
tions discussed, USSR study-----	14554	dependent plasma medium-----	13638
program for reduction of unem-		plane electromagnetic waves pass-	
ployed (remarks)-----	14666	ing through isotropic inhom-	
selected references-----	14193	ogeneous plasma slab at arbi-	
<i>see also</i> Elementary education—		trary angles of incidence, gen-	
Secondary education— <i>also</i> sub-		eralized treatment-----	14901
jects taught.		Electricity :	
Education and Labor Committee,		national electric rate book-----	14246-251
House :		rural, publications, price list-----	15036
hearings-----	13998-999	USSR electric power, translations-	14427
report-----	13985	Electrodes :	
Education Office :		auxiliary silver, eliminates 2-step	
bulletins 1964 (series)-----	14181,	voltage discharge characteris-	
14187, 14194, 14199		tic of silver-zinc cells-----	14826
circular-----	14180	improved electrode gives high-	
cooperative research projects, 7		quality biological recordings-----	14821
year summary, July 1, 1956-		Electrolysis, molten salt of metals,	
June 30, 1963-----	14180	infrared analysis of gases pro-	
education briefs-----	14186, 14192	duced-----	14758
information on education around		Electrolytic cells :	
the world-----	14182	lead acid, morphology of PbO ₂ in	
selected references-----	14193, 14197	positive plates-----	15007
studies in comparative education--	14187		

INDEX

	Entry		Entry
Electrolytic cells—Continued		Elements, double actuating, used in control system to ensure greater reliability, USSR study	14573
silver-zinc, 2-step voltage discharge eliminated with auxiliary silver electrode	14826	Elevators, <i>see</i> Grain elevators.	
Electromagnetic waves, <i>see</i> Electric waves.		Ellington, Jesse I., relief	13843
Electromagnetism, antipodal image of electromagnetic source	13640	Elliott, William P., operational prediction of diffusion downwind from line sources	13627
Electromagnets, degradation effects in short samples of hard superconductors	14878	Elm leaf beetle, <i>see</i> Beetles.	
Electron-beam welding in industry, USSR study	14512	EM series	14204-206
Electron spin, <i>see</i> Spin (atomic).		Embankments, overflow, Arkansas River, stability of riprap, etc	14212
Electronic circuits:		Eminent domain, real property acquisition practices and adequacy of compensation, hearings	14016
integrated, application to telemetry systems	14938	Employee benefit plans, amend Davis-Bacon act to include fringe benefits in prevailing wages, law	13897
low-power transistorized circuit provides staircase waveform	14818	Employees, health and insurance benefits and pension plans, spring 1963	14704
monostable circuit with tunnel diode has fast recovery	14816	<i>see also</i> Government officials and employees — Railroad employees.	
solid, use in satellite instrumentation	14836	Employers, expenditures for supplementary compensation practices for production workers, meatpacking and processing Industries, 1962	14706
transistorized and printed circuits, servicing techniques, guide	15001	Employment:	
Electronic computers:		automation relationship, current developments in U.S. (paper) equal opportunity, progress (remarks)	14713 15034
computer-aided learning of sound identification, experiments	15003	high school graduates and dropouts in 1963	14709
determining high-frequency phase stability	14813	impact of changing defense programs	14710
digital logic elements provide additional functions from analog input	14822	outlook, pharmacists	14692
logic circuit will fit on single silicon chip	14809	program for full employment (remarks)	14666
octal codes, accounting program developed as byproduct of forest growth studies	14323	scientific and technical personnel in State government agencies, 1962	14705
optimum computerized allocation system development	13687	<i>see also</i> Discrimination in employment—Occupations.	
traffic assignment manual for application with large, high speed computer	15073	Endrin, insecticide, acute and chronic effects on renal function and renal hemodynamics	13728
Electronic data processing systems, automatic data procedure of rail form A, 11-63 using IBM 7090, textual explanation	14403	Enemy property, return of Austrian property, rights and interests, agreement	15113
Electronic engineers, job types in Air Force Systems Command	13634	Enforcement of law, <i>see</i> Law enforcement.	
Electronic equipment:		Engineering:	
electronic assembly rack panels snaps on and off	14828	address	13819
welded electronic module fabrication	14862	East European scientific abstracts	14426, 14524
Electronic measuring instruments, wool staple length recorder, description	13590	method for calculating protection afforded by structures against fallout radiation	14938
Electronics:		<i>see also</i> Nuclear engineering—Radio engineering.	
East European scientific abstracts	14426, 14524	Engineering aids, I & C, Navy training course	14999
electronic state of diatomic molecules	14890	Engineers:	
microelectronic logic design, MRIR-PCM telemetry system, practical example	14856	career opportunities, building tomorrow's weather systems	15150
Electrons:		examination announcements	13806, 13810
high energy—		<i>see also</i> Engineering aids.	
accelerator installations shielding	14932	Engineers Corps, Army, manuals	14204-206
radiation damage to semiconductors	14775	Engines (aircraft):	
zero-field, work function of metal immersed in gas, application to cesium thermionic diode	14886	working parts of aircraft, exportation, law	13884
Electrostatics:		<i>see also</i> Rockets.	
adsorption of ions, USSR study	14456	English Channel, lights and fog signals, list	14992
oscillations, excitation in magnetic field	13698	Enlisted personnel, <i>see</i> Armed Forces—National Guard.	
Elementary education:		Enrollment, <i>see</i> High Schools—Schools.	
public school approval and accreditation	14192		
publications, list	14193		
selected references, education briefs, etc	14197		

AUGUST 1964

	Entry		Entry
Entry into atmosphere, <i>see</i> Atmospheric entry.		Europe—Continued	
Environment:		tide tables-----	13813
environmental research papers_ 13628-630		Western, trade in manufactured products, 1961-62-----	14392-394
health series, air pollution-----	15047	European Atomic Energy Community, Euratom cooperation act of 1958, amendments, reports---	13957, 14078
vibratory, localized, of rocket vehicles, statistical techniques for describing-----	14847	European Economic Community, agricultural trade and finance, statistics-----	14172
<i>see also</i> Life support systems.		Evacuation, dependents of Armed Forces from Panama and Cyprus, payment of expenses, authorize, report-----	13937 14322
Epidemiology, USSR studies-----	14638	Evaluation of trough-type rain gages-----	13727
Epoxy resin, <i>see</i> Resins.		Evaporation, physiologic water loss, measurement-----	14054
Equal employment opportunity, <i>see</i> Discrimination in employment.		Everglades National Park, land addition, report-----	14054
Equal Employment Opportunity Commission:		Examinations, <i>see</i> Civil service.	
establish—		Exchanges (international), <i>see</i> International exchanges.	
hearing-----	14017	Excise taxes:	
law-----	13900	Federal structure, panel discussion_	14020
report-----	13959	interest equalization tax on foreign securities, impose, hearings---	14134 13955, 14057
Equations:		Executive departments, <i>see</i> Government reorganization plans—Government supplies.	
axially symmetric vibrations of liquid-filled cylindrical shell---	14924	Executive Office of the President, appropriations, 1965, report-----	14048
complex Fresnel integral tables---	14797	Executive Papers, Joint Committee on Disposition of, report-----	13931
flight-time shift, analytic solutions_	13637	Executives, training and development, Army pamphlet-----	13677
transport properties of partially ionized gas in presence of electric and magnetic fields-----	14893	Expansion (thermal):	
transverse vibrations of liquid-filled shells-----	14923	allowed by flexible fastener-----	14831
Equations of motion, V/STOL aircraft vertical/short takeoff and landing study-----	15005	Expenditures:	
Equipments, <i>see</i> Military supplies.		consumer expenditures and income—	
Erie, Lake, fisheries explorations, May-Nov. 1964-----	14273	rural nonfarm areas in western region, 1961-----	14687 14686
Error-correcting codes, PCM error correction and synchronization code-----	14860	urban places, western region, 1960-61-----	14686
ERS, <i>see</i> Economic Research Service.		Experiments and experimentation, field, for control of cabbage insects-----	13563
ERS-foreign series-----	14172	Explorations, Gulf of Alaska scallop_	14272
ERS series-----	14168-171	Explosions:	
Estate tax, <i>see</i> Inheritance and transfer tax.		explosion-generated motion scaling laws validity, case study-----	14754
Estes, Billie S., grain storage operations, Agriculture Dept. handling, hearings-----	14001	research and technologic work on explosives, explosions, and flames, fiscal year, 1962-----	14738
Ethics:		<i>see also</i> Nuclear explosions.	
employee conduct-----	15081	Explosives:	
interim code for Members of Congress, etc., establish, hearings_	14156	research and technologic work on explosives, explosions, and flames, fiscal year 1962-----	14738
Ethics, Joint Committee on, establish, hearings-----	14156	Export-Import Bank of Washington, foreign assistance appropriations, 1965, reports-----	13950, 13952
Etkin, Seymour, deep sea domestic waterborne traffic, 1958-62-----	14400	Exports:	
Euratom, <i>see</i> European Atomic Energy Community.		programmes d'assurance et garantie de credit applicables aux exportations des Etats Unis-----	13824
Europe:		statistical classification, schedule B, changes-----	13748, 13770
Eastern—		<i>see also</i> Commerce— <i>also</i> names of classes of articles exported.	
agriculture, forestry, and food industries, translations_ 14439, 14459, 14501, 14559, 14589, 14611, 14625		Extension work, agents and specialists, working with low-income rural families-----	14237
economic organization and management, translations-----	14408, 14446, 14466, 14484, 14505, 14560, 14588, 14602, 14610	Extraction (chemistry):	
foreign trade, translations-----	14415, 14540	solvent, beryllium, Spor Mountain, Utah, ore-----	14751
heavy industry, translations-----	14485, 14502	Extradition, convention with Belgium, supplementary-----	14027
legal journals, abstracts-----	14646		
materials industries, translations-----	14497, 14544, 14603		
military information-----	14508		
political translations-----	14414, 14506, 14546, 14586		
scientific abstracts-----	14421-423, 14426, 14431, 14434-435, 14469-470, 14524, 14564, 14596, 14600		
service industries, translations_	14416, 14433, 14539, 14551, 14583, 14590, 14647.		
sociological translations-----	14490, 14527, 14598		

INDEX

	Entry	
F		
F.A.A., <i>see</i> Federal Aviation Agency.		
F.D.A., <i>see</i> Food and Drug Administration.		
F.H.A., <i>see</i> Farmers Home Administration.		
F.P.C., <i>see</i> Federal Power Commission.		
FAA, <i>see</i> Federal Aviation Agency.		
Fabrication, <i>see</i> names of materials fabricated.		
Factual campaign information	14021	
Fair labor standards act, <i>see</i> Labor standards.		
Fairs, U.S. trade, show the world, sell the world	14371	
Fakan, John C., degradation effects in short samples of hard superconductors	14878	
Fallout, <i>see</i> Radioactivity.		
Falls, <i>see</i> Free fall.		
Families:		
low income, rural families, working with	14237	
shopping, publications, list	15038	
Fans, <i>see</i> Wind machines.		
Fante, Ronald L.:		
kinetic equations for plasma including radiation in external magnetic field	13699	
spectral density of radiation scattered by non-equilibrium plasma	13697	
FAO, <i>see</i> Food and Agriculture Organization of United States.		
Farm implements and machinery:		
current industrial reports	13754	
USSR industrial development translations	14570	
Farm management, <i>see</i> Farms.		
Farm milk tanks, <i>see</i> Tanks.		
Farm products, <i>see</i> Agricultural products.		
Farmer Cooperative Service:		
information series	14220	
publications, list	14220	
Farmers:		
financial calculations and physical measurements, handbook, errata	13579	
worker and farmer share role in building Great Society (addresses)	13575-576	
Farmers' bulletin	13583	
Farmers Home Administration:		
insured housing loan program for elderly in rural areas, extend—		
law	13889	
report	14058	
loan limitation, increase, report	13949	
Farms:		
costs and returns, commercial, by type, size, and location	13582	
farm vacation enterprises in Ohio, management, publications, price list	15036	
production and efficiency changes, summary report 1964	13598	
FAS-M series	14289-292	
Fasteners, flexible, allows thermal expansion	14831	
Fastie, W. G., rocket spectrophotometer airglow measurements in far ultraviolet	14889	
Fatigue of materials, <i>see</i> Strains and stresses.		
Fauna, <i>see</i> Marine fauna.		
FDA, <i>see</i> Food and Drug Administration.		
Feasibility of Krupp-Renn process for treating lean iron ores of Mesabi Range, digest	13665	
Federal agencies, <i>see</i> Government offices.		
Federal aid, <i>see</i> Grants-in-aid.		
Federal airport act, <i>see</i> Airports.		
Federal assistance for projects in aging	15166-167	
Federal Aviation Agency:		
civil air regulations, amendments	14222-225	
definitions and abbreviations, Federal aviation regulations	14227	
FAA handbook series	14226	
Federal aviation regulations	14227-230	
SRDS abstracts of technical reports, general distribution, supplement	15132	
Federal Coal Mine Safety Board of Review:		
appropriations, 1965—		
law	13904	
report	13951	
Federal credit unions:		
act, amendments, law	13901	
general information	14234	
report of operations, 1963	14235	
Federal employees, <i>see</i> Government officials and employees.		
Federal Extension Service, circular	14237	
Federal funds for research, development, and other scientific activities, 1962-64	14988	
Federal Government, <i>see</i> Government.		
Federal Home Loan Bank Board, inquiry into mortgage insurance companies, statement	14238	
Federal Housing Administration:		
FHA regulations	14243-245	
technical studies report	14240	
Federal paperwork jungle	14014	
Federal Paper Commission, publication list	14252	
Federal property, <i>see</i> Public property.		
Federal regulations, <i>see</i> Code of Federal regulations.		
Federal reserve banks:		
direct purchase of U.S. obligations, extend authority—		
hearing	13996	
law	13893	
report	14059	
Federal Reserve System Board of Governors, prevalent monetary policy and its consequences, analysis	13997	
Federal Safety Council, progress report, 1963	14258	
Federal specifications, <i>see</i> Government supplies.		
Federal standard	14260	
Federal supply catalog	14161	
Federal textbook on citizenship	14360	
Fed, <i>see</i> Food for livestock—Food for poultry.		
Fees:		
foreign countries for visa of U.S. passports	15097	
land-grant colleges and State universities, 1963-64	14195	
Patent Office, increase, hearings	14147	
Feinberg, Paul M., MRIR-PCM telemetry system	14856	
Felt, polishing felts, provide duty-free entry for wools used in manufacturing, law	13881	
Fences, Ireland, electromechanical fishing and counting fence used	14267	
Fertilizers:		
agricultural fertilization, USSR studies	14594	
manufactured, trade of United States, Western Europe, Canada and Japan, 1961-62	14392	
FG series	13793	
FHA, <i>see</i> Farmers Home Administration.		

	Entry
FHLBB, <i>see</i> Federal Home Loan Bank Board.	
Fibers, man-made, woven goods finished, current industrial reports	13753
<i>see also names</i> of certain plants, textiles, etc.	
Figs, production, use, value, by States, 1962-63	15129
Filmstrips, copyrighted, July-Dec. 1963	14158
Filters and filtration, air filters, non-destructive measurement of U-235 content	13704
<i>see also</i> Light filters.	
Finance:	
college and university finance series	14185, 14195
Communist China, translations	14531, 14548, 14641
farmers' financial calculations and physical measurements, handbook, errata	13579
graduate education, financing	14184
USSR, financial organs, tasks	14533
<i>see also names</i> of countries, etc.	
Finance Committee, Senate:	
hearings	14133-135
reports	14049, 14055-57, 14063-65, 14068, 10473, 14098
Finance officers, <i>see</i> Disbursing Officers.	
Fine Arts Commission:	
appropriations, 1965—	
law	13904
report	13951
Finite element solution for thin shells of revolution	14768
Fins (aircraft):	
heat transfer measurements on flat plate and attached fins at Mach nos. of 3.51 and 4.44	14873
Fins (cooling):	
heat-rejection and weight characteristics of radiator fin-tube configurations	14898
Fir, Douglas, mergers and economic concentration in lumber industry	14331
Firearms, Federal laws under IRS, guide for law enforcement officers	14366
Firemen (firefighters):	
District of Columbia, residence restrictions, repeal, report	13976
Texas, social security coverage, law	13898
Fish and fisheries:	
commercial fisheries review, separate rates	14267-273
conservation note	14274
current fishery statistics, CFS series	14263-266
fish regulations for District of Columbia	14276
fishery leaflets	14276-277
fishery products, manufactured, 1962, annual summary	14266
foreign fisheries briefs	14270
Georgia landings, annual summary, 1963	14263
Ireland, electromechanical fishing and counting fence used	14267
Lake Erie explorations, May-Nov. 1960	14273
Massachusetts landings	14264
northwest Atlantic, international convention of 1949, protocol, report	14029
research report	14282
special scientific report, fisheries series	14283
<i>see also</i> Sponges— <i>also</i> headings beginning Fish—Fishing.	

	Entry
Fish and Wildlife Service:	
refuge leaflets	14278-280
report, 1963	14262
special scientific report, fisheries series	14283
Fish meal, production, annual summary, 1963	14265
Fish oil, production, annual summary, 1963	14265
Fisher, Gail F., diabetes source book	15046
Fisheries, <i>see</i> Fish and fisheries.	
Fishermen, fishing boat owners, medical care, restore eligibility, report	13971
Fishery products, <i>see</i> Fish and fisheries.	
Fishing, <i>see</i> Fish and fisheries.	
Fishing gear, <i>see</i> Trawls and trawling.	
Fishing vessels:	
construction assistance, extend, correct inequities in program, etc.—	
hearing	14011
report	13958
Flames, research and technologic work on explosives, explosions, and flames, fiscal year 1962	14738
Flammability, <i>see</i> Inflammable materials.	
Flares, chromospheric, nuclear processes	14921
Fleischer, H. O., overlays for lumber, old product in new dress	14311
Flexible fastener allows thermal expansion	14831
Flies, Virginia pine sawfly, life history, studies	14333
Flight:	
assistance service, ATS manual, change	13653
information manual, amdt	13655
time-of-flight mass spectrometer, charge transfer studies and kinetic analysis	13645
time shift equations, analytic solutions	13637
vibration data of Aerobee 150A sounding rocket	14858
<i>see also</i> Aircraft.	
Flight simulators:	
investigation of pilot performance during extended periods of low-altitude high-speed flight	14776
performance measurements studies	14790
Fliin, Robert H., silicosis in metal mining industry	15066
Floods, <i>see</i> names of rivers, etc.	
Florida, Coast Guard, inspection report	14012
Flory, John A., characteristics of big city industries	13661
Flotation, beryl, from spodumene mill tailing, Foote Mineral Co., Kings Mountain, N.C.	14748
Flour, U.S. exports under Government programs, 1962-64	14290
Flour mills, products, current industrial reports	13755
Flow:	
evaluation in arc-heated hypersonic wind tunnel	14877
hypersonic—	
fields about cylinders, parametric study	14875
shock heated, parameters as function of flight velocity and altitude	14900
supersonic, around right circular cones—	
small angle of attack, tables	14796
zero yaw in air as perfect gas, correlation graphs	14872
vibrational-nonequilibrium, of nitrogen in hypersonic nozzles, errata	14837

INDEX

	Entry		Entry
Flowers:		Foreign aid:	
national flower or floral emblem,		development research digest.....	14396
designating, hearing.....	14005	foreign assistance act of 1964, hear-	
stock, treated with benzylaminopu-		rings.....	14136
rine, quality and respiration		foreign assistance appropriations,	
rates.....	13560	1965, reports.....	13950, 13952
Fluids, non-Newtonian, viscous, simi-		Laos, United States contribution	
lar solutions of boundary layer		for supervision and control, re-	
equations for flows, errata.....	14849	port.....	13967
Fluoridation, annual census report,		Foreign countries:	
national, State and community		heads of foreign states and other	
experience 1963.....	15042	officials, provide authority to	
Fluorine, liquid, cryogenic solutions		protect, report.....	14108
and solubilities.....	14850	overseas living, guide for personnel,	
Flutter (aircraft):		Army pamphlet.....	13676
delta-planform surfaces, effects of		social security programs, 1964.....	15088
leading edge sweep at Mach		visa of U.S. passports, fees charged,	
number of 15.4.....	14888	list.....	15097
panel flutter research.....	14788	Foreign exchange, gold reserves, cur-	
Foamed plastics, <i>see</i> Plastics.		rent situation and long-term	
Fog, project fog drops, warm proper-		trends.....	14175
ties and modification concepts.....	14785	Foreign fisheries briefs.....	14270
Fog signals, Naval Oceanographic Of-		Foreign Relations Committee, Senate:	
fice list, British Isles, etc.....	14992	committee print.....	14137
Foils, <i>see</i> Aluminum foil.		hearings.....	14136
Fonseca, Elisabete M., relief.....	13858	reports.....	14029-30, 14102, 14108
Food:		Foreign Service:	
East European industries, transla-		annuities, adjustment, report.....	13968
tions.....	14439, 14459, 14501	buildings act, 1924, amend, report.....	13969
14559, 14580, 14611, 14625		department and foreign service.....	15095
food, drug, and cosmetic act—		Foreign Service Institute:	
amend, report.....	13981	basic course.....	
text and enforcement regulations,		Amharic language.....	15094
revised pages.....	14287	Spanish.....	15104-105
food for peace, activities under Pub-		Foreign trade, <i>see</i> Commerce— <i>also</i>	
lic law 480.....	13923	names or classes of commodi-	
marketing study—		ties— <i>also</i> names of countries	
hearings.....	13987	or places.....	
law.....	13902	Foreign-Trade Zones Board, report	
shopping, publications, list.....	15038	1963.....	14294
Food and Agriculture Organization of		Forest fires, Pacific Northwest, fire	
United Nations, United States		season, 1963.....	14304
report to FAO on progress		Forest lands, <i>see</i> Forests and for-	
made toward purpose of or-		estry.	
ganization.....	14293	Forest nurseries, tree planters' notes.....	14335
Food and Drug Administration:		Forest pest leaflets.....	14298-300
FDA publication.....	14286	Forest planting, furrow seeders.....	14327
veterinarians and FDA, guardians		Forest products, eastern Kentucky,	
of animal health.....	14286	forest industry processing and	
Food and drug officer, Food and Drug		marketing complex.....	13666
Administration, examination		Forest Service:	
announcement.....	13083	appropriations, 1965—	
Food, drug, and cosmetic act, <i>see</i> Food.		law.....	13904
Food for livestock, production, 1962.....	13757	report.....	13951
Food for poultry, production, 1962.....	13757	construct and maintain roads and	
Food Marketing, National Commission		trails for national forests,	
on, <i>see</i> National Commission on		report.....	14103
Food Marketing.		laws relating to establishment and	
Food processing, plant feasibility, eco-		administration of national for-	
nomic studies, bibliography.....	14236	ests and to other activities.....	13578
Food stamps:		national forest log scaling hand-	
act of 1964—		book.....	14302
hearings.....	14124	research notes.....	14308-329
report.....	14074	research papers.....	14330-333
Foot, Mineral Co., continuous flota-		Forest and forestry:	
tion of beryl from spodumene		agricultural programs in forestry	
mill tailing.....	14748	(address).....	13577
For commanders, this changing		burning slash, tests of wind ma-	
world.....	13667	chine.....	14324
Forage plants, and cattle management		East European industries, transla-	
in longleaf-slash pine forests.....	13583	tions.....	14439,
Foraminifera, recent, off Central		14459, 14501, 14559, 14589,	
America (series).....	14342	14611, 14625.	
Ford, Frederick W., address, June 18,		eastern Kentucky, industry process-	
1964.....	14233	ing and marketing complex.....	13666
Foreign Affairs Committee, House:		forage and cattle management in	
hearings.....	14000	longleaf-slash pine forest	
reports.....	13964-969	lands.....	13583
Foreign Agricultural Service, miscel-		forest area and timber volume in	
laneous, FAS-M series.....	14289-292	western South Dakota.....	14320
Foreign agricultural trade, <i>see</i> Agri-		insects, 2 plot transfer devices de-	
cultural products.		veloped for aerial photographic	
Foreign agriculture, <i>see</i> Agriculture.		trend surveys.....	14328

AUGUST 1964

Entry	Entry
Forest and forestry—Continued	
national bank loans on forest tracts, liberalize restrictions, law	13890
oetal accounting, byproduct of forest growth studies	14323
research notes	14308-329
research papers	14330-333
site preparation, what do you mean?	14318
<i>see also</i> National forests.	
Formosa, labor law and practice in Taiwan (Formosa)	14690
Forrester, Anne N., educational data, Algeria	14182
Fort Bowie National Historic Site, establish, hearing	14143
Fort Devens Military Reservation, Army to adjust legislative jurisdiction exercised by U.S., report	14111
Fort Leavenworth Military Reservation, State highways bordering, retrocede jurisdiction to Kansas, report	14110
Fort Union Trading Post National Historic Site, establish, report	14062
Fort Vancouver National Historic Site, general information	14968
Fort Walton Beach, Fla., land conveyance, from Eglin Air Force Base, change designated use, report	14113
Fossils in Ordovician tuffs, northeastern Maine	14338
Foster-home care, <i>see</i> Child placing.	
Founding:	
investment and chill casting, problems, USSR articles	14476
investment casting, new technology, USSR study	14513
FPC, <i>see</i> Federal Power Commission.	
France, military and nuclear developments, press reports	14581
Frankfort, Ky., accident	14405
Fraud, health, affecting the elderly, hearings	14122
Free fall, human trajectories	13617
Freeman, Orville L., addresses, May 27, 1964	13575-576
Freezing, soils, trafficability forecasting, pilot study	14211
Fremont County, Wyo., Crooks Gap area, geology and uranium deposits	14337
Frequencies, natural, in coupled bending and torsion of twisted rotating and nonrotating blades	14778
Fresnel Integral, <i>see</i> Equations.	
Frictional wedge shock mount is inexpensive, has good damping characteristics	14802
Friedman, Sam, hydrogenation of New Mexico coal	14752
Fringe benefits, <i>see</i> Employee benefit plans.	
Frio River:	
vicinity of Three Rivers, Tex., flood control, authorize survey—	
law	13915
report	14088
Frontier Airlines, Inc., accident	13789
Frost, conditions, pavement design, engineering manual	14204
Fruit:	
fresh, prices, 1963	13599
harvesting and handling, use of cushioning materials	13567
noncitrus, production, use, value by States, 1962-63	15129
processed, plants under USDA continuous inspection, list	13558
Fuel:	
Communist China, translations	14412, 14537, 14643
Federal supply catalog, management data list, change	14161
Fuel rods, <i>see</i> Reactor fuel rods.	
Fuels, <i>see</i> Fuel—Reactor fuels.	
Fullam, Marie G., earned degrees by field of study and level projected to 1975	14181
Fuller, Dennis E., aerodynamic characteristics of several proposed versions of Saturn V launch vehicle, etc.	14883
Fulton, Joseph F., employment impact of changing defense programs	14710
Functions (mathematical), <i>see</i> Mathematics.	
Funds, <i>see</i> names of departments, etc., for which funds are used.	
Fungicides, notices of judgement	13572
Furnaces, continuous, automation, USSR study	14629
Furnishings (household), <i>see</i> Household goods.	
Furniture, maintenance and repair, Navy policy, procedures, etc.	15180
Fusion, controlled nuclear fusion	13723
G	
Gages, rain, trough-type, evaluation	14322
Gaging stations, stream, research on small watersheds	13581
Gaines, Edward M., pocket guide to improved grading system for ponderosa pine and sugar pine saw logs in trees	14306
Galaxy, <i>see</i> Milky way.	
Gallagher, Ursula M., interprofessional teamwork to safeguard adoptions	13778
Gallates, anti-ray effect under conditions of irradiation with 1000 roentgens, USSR study	14615
Gallium arsenide, photovoltaic device, new method used to fabricate	14819
Galvano, commemorating golden anniversary of Naval Air Station, Pensacola, Fla., law	13868
Gambel oak, <i>see</i> Oak.	
Game and game birds, <i>see</i> Water birds.	
Games, solution of discrete 2-person game wth bluffing, USSR study	14562
Gamma rays, high-level dosimetry at Albany cobalt 60 facility	14747
Ganslen, R. V., effects of some tranquilizing, analeptic and vasodilating drugs on physical work capacity and orthostatic tolerance	13736
Gardner, William I., report of task force on behavioral and social research	15029
Garland, James D., occupational wage survey, Charlotte, N.C.	14697
Gas, natural gas act, regulations, under, changes	14253
Gas Chromatography, <i>see</i> Chromatography.	
Gas-cooled reactors, <i>see</i> Reactors (atomic).	
Gas turbines, <i>see</i> Turbines.	
Gases:	
infrared analysis during molten salt electrolysis of metals	14758
measurement of moisture, radio-release technique	13705
partially ionized, transport properties, in presence of electric and magnetic fields	14893
rare, photoionization cross sections	14781

INDEX

	Entry	Entry
Gasoline, motor, petroleum products survey	14741	14635
Gates, David M., line parameters and computed spectra for water vapor bands at 2.7 μ	14937	14698
Gates, miter-type lock, operating forces on	14213	14694
Geiger, Frances M., development research digest	14396	15043
Gellinas, Wilfrid E., relief	13842	14316
Genealogy, records in National Archives, guide	14931	14854
General Dvestuffs Corp., stockholders' claims, amend Trading with the enemy act report	13982	14888
Generators, <i>see</i> names or types of generators.		13730
Geochemistry:		14894
data (series)	14343	
natural waters, Blue Grass region, Ky	14350	
Geographic mobility, cost	13663	
Geography, Mongolia, distribution of magma deposits	14528	
Geological Survey:		
bulletins	14337-339	
professional papers	14340-347	
research 1964, geology and hydrology, short papers	14347	
water supply papers	14348-357	
Geology:		
contributions to general geology (series)	14338-339	
contributions to geology of uranium (series)	14337	
Crooks Gap, Fremont County, Wyo., geology and hydrology of Guam, Mariana Islands (series)	14340	
Luke area, Maricopa County, Ariz., research 1964, short papers	14356	
shorter contributions to general geology (series)	14344-345	
Thomas and Dugway Ranges, Juab and Tooele Counties, Utah	14341	
Geophysics:		
Air Force surveys in geophysics	13626-627	
magnetotelluric investigations in Georgia, USSR	14430	
Georgia, landings, fish and shellfish, annual summary, 1963	14263	
Georgian Soviet Socialist Republic, magnetotelluric investigations	14430	
Germany:		
Federal Republic—		
foreign trade regulations	14379	
market for semiconductor devices	13740	
West, <i>see</i> , above, Federal Republic.		
Gianino, Peter D., drastic reduction of warm-up rate within Dewar system by helium desorption	13639	
Gibson, James J., theory on visual perception, analysis of selected papers	15002	
Gln notes, <i>see</i> Notes (In cotton).		
Ginning, <i>see</i> Cotton gins and ginning.		
Girl Scouts of America:		
military equipment for 1965 Senior Roundup encampment, report	13945	
report, 1963	13922	
Girls, mentally retarded, experimental training programs by nurse educators	13785	
Glacial period, reef-associated limestones of Pleistocene age	14340	
Glade oil reservoir, hydraulic fracture treatments	14753	
Glass, Andrew C., statistical summary of 1962 inventory municipal waste facilities in U.S.	15068	
Glass, glassy state, USSR	14635	
Glasstone, Samuel, controlled nuclear fusion	13723	
Glassy state, USSR		14635
Gilek, Marvin:		
occupational wage survey—		
Milwaukee, Wis.	14698	
South Bend, Ind.	14694	
Glomerulonephritis, selected references	15043	
Glue, control of conditions in gluing with protein and starch glues	14316	
Goddard Space Flight Center, contributions to COSPAR meeting, June 1963	14854	
Goetz, Robert C., flutter characteristics of delta-planform surfaces at Mach number of 15.4	14888	
Gogel, Walter C., size cues and adjacency principle	13730	
Gold, vacancy formation under high pressure	14894	
Gold (money):		
foreign gold and exchange reserves, current situation and long-term trends	14175	
Goldfern, S., plastic fibrous reinforcement for portland cement	14201	
Goodsell, Wylie D., farm costs and returns, commercial farms by type, size, and location	13582	
Goodwin, Thomas C., laboratory-industrial cleaning techniques and materials	14167	
Gordon, Tavia, blood pressure of adults by age and sex, U.S., 1960-62	15071	
Gould, Augustus A., recent mollusca, illustrations of types described, etc.	14962	
Government:		
census 1962, publication program, list	13771	
Federal—		
needs best fulfilled by (address)	15023	
paperwork, jungle, hearing	14014	
patent policies, latest developments (remarks)	13831	
role toward building Greater Society (address)	15022	
use of polygraphs as lie detectors, hearings	14003	
local organization and planning, impact of Federal urban development programs	14139	
speaks to business (address)	13823	
State and local, tax revenue, Jan.-Mar. 1964	13772	
<i>see also</i> headings beginning Government.		
Government contractors, discrimination in employment on basis of age by Federal contractors, etc., Executive order against	14669	
Government contracts:		
Davis-Bacon act, amend, law	13897	
renegotiation act of 1951, extend—		
law	13888	
report	14055	
Government employees, <i>see</i> Government officials and employees.		
Government offices:		
general Government matters, appropriations, 1965—		
law	13875	
report	14066	
Government organization manual, 1964-65	14256	
interagency training programs, 1964-65	13804	
meteorological research and development, current activities	15153	
quality assurance provisions for NASA installations	14794	
records and papers, disposition, report	13931	

AUGUST 1964

	Entry		Entry
Government offices—Continued		Grand Portage National Monument, general information	14969
reimburse owners, etc. of land acquired by Federal projects for moving expenses, report	14076	Grand Prairie, Tex., airport, relocate, law	13906
reorganization, <i>see</i> , in main alphabet, Government reorganization plans.		Grants-in-aid:	
some U.S. Government agencies engaged in international activities	15103	Alaska reconstruction grants—	
<i>see also</i> Government supplies.		hearing	14140
Government officials and employees:		reports	13953, 14067, 13998
employee conduct	15081	arts encouragement, hearings for community health services for chronically ill and aged, PHS project grants program	15166
income, etc., filing annual reports, hearings	14156	educational and cultural exchange program of State Department, American grantees, 1963, list	15096
interagency training programs, 1964-65	13804	Great River Road, planning and coordination, increase, report	14091
salary act of 1964, report	14071	highway construction act of 1964, report	14093
State agencies, scientific and technical personnel, employment in 1962	14705	highway program, State permitted to increase mileage, report	14090
trades and crafts, employment opportunities	13805	hospital and medical facilities construction, hearing	14153
Government Operations Committee, House, hearings	14001-4	land-grant colleges for establishing water resources research centers, report	13958
Government Operations Committee, Senate:		mental health project grants program of NIMH, Federal assistance for projects in aging	15167
committee prints	14138-139	national defense education act of 1958, counseling and guidance training institutes program, policies and procedures manual	14191
report	14076	nursing schools, report	13980
Government property, <i>see</i> Public property.		public health graduate training program, extend, authorization, report	13984
Government publications:		Public Health Service, 1962 funds, summary tables for extramural programs	14951
displayed at U.S. pavillon, New York World's Fair	15039	transportation, development of comprehensive and coordinated systems in metropolitan areas, law	13913
price lists, Public Documents Division, PL series	15036	Grantz, Arthur, stratigraphic reconnaissance of Matanuska formation in Matanuska Valley, Alaska	14339
<i>see also</i> names of departments, etc., issuing publications— <i>also</i> subjects.		Grapes:	
Government reorganization plans, act of 1949, extend, law	13899	production, use, value, by States, 1962-63	15129
Government securities:		vines, nursery products, production and sales, 1962-63	15130
direct purchase by Federal reserve banks, extend authority—		Graphite:	
hearing	13996	amorphous, temporary suspension of duty, continue, law	13879
law	13893	high density, recrystallized by hot forming	13652
report	14059	materials, research and development	13652
Government supplies:		matrix fuels development for AVR, final report	13693
Federal specifications	14259	Grasslands, national, range survey story and planning for management	13596
Federal standards	14260	Gravitation, overloads, influence on arterial system of external nerves, USSR study	14616
Federal supply catalog	14161	Gravity:	
Grace, J. L., jr., operating forces on miter-type lock gates	14213	reduced, technique simulating effect	14832
Grading of commercial products, <i>see</i> names of products.		survey and seismic studies in Crooks Gap area	14337
Graduates:		Great Britain:	
financing graduate education	14184	lights and fog signals, list	14992
high school, employment in 1963	14709	trade in cereals, etc., agreement	15117
Graff House, acquire for Independence National Historical Park, hearing	14144	Great Lakes:	
Graham, Donald P., dwarfmistletoe survey in western Montana	14317	pilot survey, supplement	14714
Grain:		transportation lines, 1964	14210
cereals, etc., trade agreement with Great Britain	15117	Great Lakes States, tart cherry industry, production costs	14170
coarse, U.S. exports under Government programs, 1962-63	14290		
protection of grain products from radioactive chemical, and bacterial substances, discussed, USSR study	14591		
storage operations of Billie Sol Estes, Agriculture Dept. handling, hearing	14001		
toxic effect of molds on, USSR studies	14523		
<i>see also</i> names of grains.			
Grain elevators, country, selecting best capacity truck receiving facilities	13592		
Grain sorghum, <i>see</i> Sorghum.			
Grand Island, Nebr., aircraft accident	13789		

INDEX

	Entry		Entry
Great River Road, interstate planning and coordination, increase Federal assistance, report.....	14091	Hallock, Hiram, sawing accuracy in circular mills.....	14310
Great Sand Dunes National Monument, general information.....	14970	Halls, L. K., forage and cattle management in longleaf-slash pine forests.....	13583
Greece, estate tax, convention of Feb. 20, 1950, protocol, report.....	14030	Hampton National Historic Site, general information.....	14971
Green, Richard G., jr., relief.....	13851	Han, Linus, relief.....	14033
Green, Richard S., storage and retrieval of data for water quality control.....	15069	Hancock County, W. Va., coal, preparation characteristics.....	14746
Green, William J., jr., memorial services.....	13837	Handbooks, cataloged by ASTIA, report bibliography.....	14166
Greenberg, Leon: data for measurement of industrial productivity in U.S.....	14707	<i>see also</i> names of departments, etc., issuing handbooks— <i>also</i> subjects.	
paper presented, June 16, 1964.....	14713	Hanel, Rudolf A., exploration of atmosphere of Venus by simple capsule.....	14839
Grimes, Hubert H., vacancy formation in gold under high pressure.....	14894	Hankel functions, <i>see</i> Bessel functions.	
Grinding and polishing, lathe converted for grinding aspheric surfaces.....	14814	Harding, Francis D., electronic engineer job types in Air Force Systems Command.....	13634
Gronowski, John A.: addresses—		Hardwoods: burning does not control on short-leaf pine sites in Cumberland Plateau.....	14308
June 10, 1964.....	15020	forest litter in southern Appalachians, rainfall interception.....	14332
June 24, 1964.....	15028	Hardy, Catherine E., list of publications of FCS.....	14220
June 26, 1964.....	15024	Harper, Charles W., stall characteristics of swept wings.....	14896
July 16, 1964.....	15021	Harris, Norman O., stannous fluoride topically applied in aqueous solution in caries prevention in military population.....	13649
July 18, 1964.....	15023	Harrison, N.J., railroad accident.....	14406
Grosenbaugh, L. R., instant octal accounting, byproduct of forest growth studies.....	14323	Harrison, Roland H., perfluorocyclobutane, thermodynamic properties.....	14757
Gross national product, estimates, calendar year 1962, current market prices, free world summary.....	14397	Hart, Philip A., testimony, hearings.....	14156
Ground measurements of sonic-boom pressures for altitude range of 10,000 to 75,000 feet.....	14903	Harvesting: fruits and vegetables, use of cushioning materials.....	13567
Ground water, <i>see</i> Water.		practices, Yazoo-Mississippi Delta, effects on fiber and spinning properties of cotton, 1959-60.....	13587
Group behavior, children, research and informed judgment, guide.....	14186	Hassan, H. A., transport properties of partially ionized gas in presence of electric and magnetic fields.....	14893
Guam: geology and hydrology of Guam, Mariana Islands (series).....	14340	Hawaii: Kilauea Volcano, 1961 eruption.....	14345
petrology of limestones.....	14340	surface waters, compilation of records, July 1950-June 1960.....	14355
Guaranties and sureties, programmes d'assurance et garantie de credit applicables aux exportations des Etats Unis.....	13824	Health: animal, veterinarian and FDA, guardians.....	14286
Guatemala, foreign trade regulations.....	14374	aspects of nuclear weapons testing.....	13721
Guernsey cattle, <i>see</i> Cattle.		community health services for chronically ill and the aged, PHS project grants program.....	15166
Guest, S. H., acoustic efficiency trends for high thrust boosters.....	14841	community's interest in health and safety of health workers (remarks).....	14672
Guidance, national defense education act of 1958, training institutes, program, policies and procedures manual.....	14191	environmental health series, air pollution.....	15047
Guidance systems, booster, manned guidance and control.....	14789	frauds and quackery affecting the elderly, hearings.....	14122
Guide books, ARA overall economic development programs, guidebook for area redevelopment organizations.....	13662	health information leaflets and pamphlets, list.....	15058
Guide to laws enforced by Alcohol and Tobacco Tax Division, for law enforcement officers.....	14366	health information series.....	15048-50
Guide to research and informed judgment on grouping children.....	14186	health mobilization series.....	15051-53
Guidebooks, <i>see</i> Guide books.		Indian highlights.....	15054
Gulf of Alaska, <i>see</i> Alaska, Gulf of.		mobilization, training literature, list.....	15051
Gulf of Mexico, <i>see</i> Mexico, Gulf of.		occupational safety and health legislation, summary.....	14674
		public— grants for graduate training program, extend authorization, report.....	13984

H

Haidar, Walter, foreign trade regulations of Argentina.....	14380
Hall, Elizabeth H., handbooks, report bibliography.....	14166
Hall, L. A., thermophysical properties of argon from 0 to 300° K.....	14941
Haller, Henry C., comparison of heat-rejection and weight characteristics of several radiator fin-tube configurations.....	14898

AUGUST 1964

Entry	Entry
Health—Continued	Helicopters—Continued
public—Continued	UH-1D 48-foot rotor with Kellet
improve through revising hospi- tal, etc., provisions of PHS act, hearing -----	60-gallon external fuel tanks, evaluation -----
14153	13622
outdoor recreation, policy -----	Hellum:
15032	description, drastic reduction of warm-up rate within dewar system -----
professional personnel graduate training program, extend au- thorization, report -----	13639
13984	mass spectrometer leak detector, use -----
public health bibliography series -----	14834
15043	minerals yearbook chapter -----
radiological health manual for ex- perimental gas-cooled reactor -----	14735
13691	600-A band -----
shopping, publications, list -----	13644
15038	winged shapes, hypersonic aerody- namic characteristics -----
statistics, data from national health survey -----	14866
15071	Helvey, J. D., rainfall interception by hardwood forest litter in south- ern Appalachians -----
<i>see also</i> Mental Health.	14332
Health, Education, and Welfare De- partment, foreign assistance appropriations, 1965, reports -----	Hemodynamics, <i>see</i> Blood.
13950,	Hemopoiesis, <i>see</i> Blood.
13952	Hendrickson, Gerth E., geochemistry of natural waters of Blue Grass region, Ky -----
Health insurance:	14350
benefits for salaried employees, spring 1963 -----	Hennig, Charles E., petroleum refin- eries in U.S., Jan. 1, 1964 -----
14704	14742
Blue Cross and other private in- surance for the elderly, hear- ings -----	Henshaw, Lerner B., mechanism of autoregulation in intact kid- ney -----
14121	13734
independent plans, 1963 -----	Herald of Academy of Medical Sci- ences (USSR periodical):
15087	translations -----
Health resorts, USSR, science, physio- therapy, and therapeutic phys- ical culture, studies -----	14549, 14582
14462	Hietbrink, Bernard E., X-irradiation influence on microsome oxidase and reductase activity in livers of young male rats -----
Hearing and speech disorders, sum- mary of progress -----	13651
14952	Higgins, E. Eugene:
Hearing examiners, examination an- nouncement -----	classroom facilities planning aids -----
13811	science facilities planning aids -----
Heart, smoking and the heart -----	14178
14957	14196
<i>see also</i> Kinetocardiography.	High pressure regulating system pre- vents pressure surges -----
Heat, heat-rejection and weight char- acteristics of radiator fin-tube configurations -----	14801
14898	High schools:
Heat transfer:	employment of high school gradu- ates and dropouts in 1963 -----
measurements on flat plate and at- tached fins at Mach nos. of 3.51 and 4.44 -----	14709
14873	subjects, offerings and enrollments, 1960-61 summary -----
stagnation point measurements in arc-heated subsonic stream, theoretical and experimental comparison -----	14198
14840	High temperature materials, <i>see</i> Re- fractory materials.
Heat treatment, reduction of post- harvest decay of peaches and nectarines -----	Higher education, <i>see</i> Colleges and universities.
13586	Highlights of legislation on aging, bills affecting older persons in- troduced 88th Cong., 1st sess., Jan.-Dec. 1963 -----
Heating, induction, application to rock deformation apparatus -----	15168
13631	Highway engineers, aide, suggested training program -----
<i>see also</i> Aerodynamic heating.	14188
Heating apparatus and supplies, re- fractory materials, apparatus for heating to high-tempera- tures in vacuum during tensile testing -----	Highways, <i>see</i> Roads and highways.
14805	Hill, G. W., method of general plane- tary perturbations, modifica- tion -----
Hebert, L. P., culture of sugarcane for sugar production in Louisi- ana -----	14897
13580	Hill, Stephen D., high-level gamma- ray dosimetry at Albany cobalt 60 facility -----
Hefferman, Paul J., analysis of non- linear noise in FDM telephony transmission over SSB-PM sat- ellite communication system -----	14747
14892	Hill-Burton program, extension and revision, hearing -----
Heflin, Leo G., fresh fruit and vege- table prices, 1963 -----	14153
13599	Hills, Keith, relief -----
Heimbuch, Alvin H., sclintillating anion exchange resin -----	14045
13702	Hills, Orin A., cantaloup insects in Southwest, how to control them -----
Helicopters:	13585
harmonic drive, speed reducers, fea- sibility applications -----	Hillsman, Gladys M., now I am a per- son -----
15137	13785
HH-43B, category 2 stability and control tests -----	Historic sites:
13612	national survey of sites and build- ings, general information -----
stimulation, analysis, equations of motion -----	14975
15005	registry of national historic land- marks -----
UH-1B, equipped with XM-5 arma- ment kit, flight evaluation -----	14976
13621	<i>see also</i> names of historic sites.
UH-1B with 60-gallon external fuel tanks, evaluation -----	History, <i>see</i> Naval history.
13623	Hodges, Luther H.:
UH-1D, 48-foot rotor equipped with XM-6E2 armament kit, evalua- tion -----	addresses—
13620	June 9, 1964 -----
	13817
	July 3, 1964 -----
	13819
	July 11, 1964 -----
	13818
	Hoists, heavy loads, buckle joins web straps quickly, adjusts easily -----
	14827

INDEX

	Entry		Entry
Holder, Shelby H., jr., reclaiming and marketing cotton gin notes	14169	Housing—Continued	
Hollon, Dan H., household consumers' acceptance of instant sweetpotato flakes	13588	for the elderly in rural areas, insured loan program, extend—law	13889
Holmes, Ann C., basic data on economy of Norway	14387	report	14058
Holstein cattle, <i>see</i> Cattle.		legislation of 1964, questions and answers on provisions of S.2468	14129
Holton, Richard H.: addresses		national housing act, amend, law	13897
Mar. 12, 1964	13825	project mortgage insurance, FHA regulations, amendments	14244, 14245
June 16, 1964	13820		
July 7, 1964	13823	sales, construction reports, announcement and order form	13747
Homes:		starts, construction reports, announcement and order form	13747
Insured mortgage transactions, FHA data—		Housing and Home Finance Agency, loans or grants for urban mass transportation systems in metropolitan areas, authorize	13913
selected housing areas	14241	Housing insurance, <i>see</i> Mortgage insurance.	
States	14242	How safe are health workers? conference workshop (remarks)	14672
mortgage insurance, FHA regulations, amendments	14243	Brasky, William C., radiance of earth and its limb in middle ultraviolet	14885
shopping, publications, list	15038	Hubbard, Harvey, ground measurements of sonic-boom pressures for altitude range of 10,000 to 75,000 feet	14903
Hoods (laboratory), <i>see</i> Laboratory apparatus and supplies.		Huber, Paul W., hypersonic shock-heated flow parameters, etc	14900
Horowitz, Milton W., James J. Gibson on visual perception, analysis of selected papers	15002	Human engineering, <i>see</i> Man-machine system.	
Horticulture, tropical and sub-tropical, handbook	14398	Human factors aspects of lightplane safety	13737
Horwitz, Solis, nomination, hearing	14127	Human free-fall trajectories	13617
Hospitals:		Human race, <i>see</i> Man.	
civil defense emergency, pre-positioned and training, storage locations	15052	Hundley, R. O. ultraviolet spectroscopy of upper atmosphere	14769
emergency, civil defense custodian's handbook	15053	Hung-ch'i (periodical): translations	14436, 14481
hospital and medical facilities, Hill-Burton program, extend construction program, hearing	14153	Hungary:	
patient care, methods of studying— <i>see also</i> Mental institutions.	15061	National Patent Office applications	14515
Houglan, Marilyn J., mentally retarded contribute also	13785	provincial press, summaries, 14500, Research Institute of Organic Chemical Industry activities	14633, 14514
Hours of labor:		Hunt, J. McVicker, how children develop intellectually	13777
fair labor standards act, hours worked	15146, 15149	Hunt, W. W., jr., charge transfer studies with time-of-flight spectrometer, kinetic analysis	13645
supplementary compensation practices for production workers, employer expenditures, meat-packing and processing industries, 1962	14706	ion dissociation in drift tube of time-of-flight mass spectrometer	13637
union		Hunter, J. Scott, beginning teacher one year later	14177
motortruck drivers and helpers	14701	Husbandry, <i>see</i> Animals.	
printing industry	14702	Hutchinson, Joseph C., language laboratory, how effective is it?	14189
House Administration Committee, House, hearing	14005	Hydraulic fracture treatments in glade and Clarendon oil reservoirs, Warren County, Pa	14753
House bills	13918	Hydraulic mine filling, properties of hydraulic backfills and preliminary vibratory compaction tests	14759
House documents	13919-926	Hydraulics, model investigations Arkansas River, overflow embankments	14212
House of Representatives, delegations to 4th meeting of Mexico-United States Interparliamentary Group, report	13963	Hydroelectric power plants, <i>see</i> Electric power plants.	
House reports:		Hydrogen:	
private bills	13927	catalytic reduction of carbon monoxide with hydrogen	14773
public bills	13928-985	cryopumping in vacuum chambers is aided by catalytic oxidation of hydrogen	14803
House trailers, <i>see</i> Trailers.		spontaneous chain ignition with oxygen in shock waves, USSR study	14444
Household goods:			
brought into U.S. under Govt orders, exemption from duty, extend, law	13873		
furnishings, maintenance and repair, Navy policy, procedures, etc	15180		
Houses, private one-family, labor and material requirements for construction	14703		
Housing:			
act of 1964, section-by-section analysis	14131		
Federal laws, amend, questions and answers on provisions of S. 2468	14129		
for elderly people, problems, hearings	14123		

AUGUST 1964

	Entry
Hydrogenation, New Mexico coal, at short residence and high temperature -----	14752
Hydrology:	
contributions to hydrology of United States (series)-----	14356-357
geology and hydrology of Guam, Mariana Islands (series)-----	14340
research 1964, short papers-----	14347
stream, related to optimum discharge for king salmon spawning in northern California Coast Ranges-----	14357
Hygiene:	
labor, problems in production of metallic thallium and its salts, USSR study-----	14547
radiation hygiene, USSR studies--	14455
Hypersonic flow, <i>see</i> Flow.	
Hypertension, <i>see</i> Blood pressure.	
I	
I.R.G.R., <i>see</i> International Research Group on Refuse Disposal.	
Ice:	
reflection and transmission coefficients at interface ice-solid---	14202
sea and salt, structural control of vertical variation of strength---	14203
Ice cream, ices, etc., containers, amend D.C. act regarding size, report-----	14106
Idaho, weather stations, decadal census-----	15157
Ifauku Atoll, free-living Copepoda----	14961
Igneous rocks, fossils in Ordovician tuffs, northeastern Maine-----	14338
Ignition, spontaneous chain ignition of hydrogen with oxygen in shock waves, USSR study-----	14444
Ikels, Kenneth G., solubility of neon in water and extracted human fat-----	13650
Illg, Walter, axial-load fatigue properties of PH 15-7 Mo stainless steel, etc-----	14887
Illinois, electric rate book-----	14247
Illness, <i>see</i> Sick.	
Imle, Ernest P., relief-----	13852
Immunobiology, USSR studies-----	14638
Impact, biomedical research studies, bibliography-----	13732
Imperial Council of Ancient Arabic Order of Nobles of Mystic Shrine, <i>see</i> Ancient Arabic Order of Nobles of Mystic Shrine.	
Imperial Shrine Convention, Inc., 1965, permits, authorize, report-----	14107
Imports, foreign trade reports-----	13768
<i>see also</i> names or classes of articles imported— <i>also</i> names of countries, etc.	
Improved insertion-loss tester-----	14824
In vitro effectiveness of topical applications of low concentration stannous fluoride solutions-----	13647
Inauguration of Vice President, <i>see</i> President of United States.	
Income:	
consumer expenditures and income--	
rural nonfarm areas in western region, 1961-----	14687
urban places, western region, 1960-61-----	14686
working with low-income rural families-----	14237
<i>see also</i> subject from which income is derived.	

	Entry
Income tax:	
business, unrelated taxable income, amend Internal revenue code, report-----	14068
deductibility of accrued vacation pay, extend time, report-----	13946
deductions, depletion allowance, appointment between parties, to certain contracts for extraction of minerals, report-----	13948
exempt status for nonprofit nurses' professional registries, report---	13962
IRS looseleaf regulations system--	14367
State and territorial, withholding on compensation of Federal employees, regulations governing-----	15140
State taxation of interstate commerce report-----	13928
Independence National Historical Park, acquire Graff House site, hearing-----	14144
Indexes:	
agriculture bibliography, serial publications indexed in-----	14930
Commercial Fisheries Bureau, Branch of Technology publications, 1955-59-----	14277
National Guard Bureau publications-----	14943
nuclear science abstracts, conferences abstracted in-----	13709
Oak Ridge National Laboratory master analytical manual-----	13712
La Stampa and La Stampa sera---	14442, 14554
Indian Affairs Bureau, publications price list-----	14362
Indian Claims Commission:	
appropriations, 1965--	
law-----	13904
report-----	13951
Indian Ocean:	
radio navigational aids, 1964, change-----	14994
tide tables, 1965-----	13812
Indian:	
Indian health highlights-----	15054
industrial development program---	14361
publications, price list-----	14362
sanitation facilities, PHS authority under P.L. 86-121-----	15064
Indonesia, press surveys-----	14499, 14658
Induction (military service), <i>see</i> Military service.	
Induction heating, <i>see</i> Heating.	
Inductors, toroidal, with dc bias, designing-----	14861
Industrial accidents, <i>see</i> Accidents.	
Industrial arbitration, Labor Board, hospitable reception for arbitration (address)-----	14960
Industrial Development Mission to the Philippines to promote machinery exports-----	14391
Industrial production, <i>see</i> Production.	
Industrial relations:	
labor-management reporting and disclosure act of 1959, text---	14668
Post Office Department and AFL-CIO, agreement-----	15025
Industrial waste, <i>see</i> Waste products.	
Industries, <i>see</i> Industry— <i>also</i> names of industries.	
Industry:	
big city, characteristics-----	13661
Communist China, translations---	14412, 14537, 14643
current industrial reports-----	13750-761
heavy, East European, translations-----	14485, 14502
Indian industrial development program-----	14361
injury rates, 1958-60-----	14691

INDEX

	Entry		Entry
Industry—Continued		Interagency training programs, 1964—	
modernization—		65	13804
Long Island Conference proceed-		Inter-American Development Associa-	
ings, Apr. 16, 1964	13742	tion, foreign assistance appro-	
Portland Area Conference proceed-		priations, 1965, report	13952
ings, Mar. 26, 1964	13743	Inter-American Development Bank,	
Southwestern Conference proceed-		foreign assistance appro-	
ings, Jan. 17, 1964	13744	priations, 1965, report	13950
Washington State Conference		Interdepartmental Committee on	
proceedings, Mar. 31, 1964	13745	South Bend Studebaker Shut-	
USSR development, translations—		down, report, abstracts from	13656
automotive industry	14493	Interest equalization tax act, hear-	
chemical industry	14631	ings	14134
electrical equipment	14652	Interferometers, <i>see</i> Michelson-stella	
ferrous metallurgy	14491	interferometer.	
metalworking equipment	14520, 14545	Interior and Insular Affairs Commit-	
nonferrous metallurgy	14507	tee, House:	
regional economy	14432, 14458, 14570	hearings	14006-8
<i>see also</i> names of industries.		reports	13953, 13970
Inflammable materials, lip, face and		Interior and Insular Affairs Commit-	
hair preparations, flammability		tee, Senate:	
in presence of 100% oxygen	13729	hearings	14140-146
Information and travel tips, do's and		reports	14031,
don'ts	15095	14050, 14052, 14054, 14061-62,	
Information assimilation from alpha-		14067, 14072, 14077.	
numeric displays, amount and		Interior Department:	
density of information presented	13685	appropriations, 1965—	
Information storage and retrieval		law	13904
systems:		report	13951
automated approach, library appli-		Intermountain region, Forest Service,	
cations	15078	yearbook, 1962	14297
water quality control data	15069	Internal revenue:	
Infrared spectrometer, <i>see</i> Spectrome-		code of 1954, amend—	
ters.		hearings	14134
Infrared spectrum, <i>see</i> Spectra.		reports	13962, 13946
Inheritance and transfer tax, estate		unrelated business taxable in-	
tax, agreement with Greece,		come, report	14068
protocol, report	14030	tax rate extension act of 1964, re-	
Injuries:		port	13955, 14057
accidental, statistics	15040	<i>see also</i> names of certain taxes,	
rates by industry, 1958-60	14691	e.g. income tax.	
<i>see also</i> Accidents.		Internal Revenue Service:	
Insecticides:		Alcohol and Tobacco Tax Division,	
cost of cotton insect control with		laws enforced, guide for law	
insecticides at Tallulah, La.	13565	enforcement officers	14366
insecticide formulation, instructive		looseleaf regulations system	14367
communication	15055	technical information release	14368
notices of judgment	13572	International agreements, <i>see</i> sub-	
<i>see also</i> names of insecticides.		jects, names of countries, etc.	
Insects:		International Boundary and Water	
cantaloup, control	13585	Commission, United States and	
cotton, cost of control with insecti-		Mexico:	
cides at Tallulah, La.	13565	flood control works, joint construc-	
forest, two plot transfer devices de-		tion, etc., conclusion of agree-	
veloped for aerial photographic		ments	
trend surveys	14328	hearings	14000
insertion loss, improved tester	14824	report	13966
Inspection (Industrial):		International boundary studies	15099-101
motor carriers, vehicles road-check		International Commerce Bureau, in-	
results	14407	ternational business publica-	
<i>see also</i> names of articles, etc., in-		tions, checklist	14369
spected.		International Commission for Super-	
Inspectors, <i>see</i> types of inspectors.		vision and Control of Laos,	
Installations (military):		U.S. share of cost of opera-	
construction authorization, 1965, re-		tions, report	13967
port	14053	International Development Associa-	
naval building maintenance, furni-		tion, foreign assistance appro-	
ture and furnishings	15180	priations, 1965, reports	13950,
Instruction, <i>see</i> Programmed Instruc-		13952	
tion.		International exchanges:	
Instructor's guide IG series	13794	agreement with USSR	15118
Instrumentation:		agriculture delegation to USSR,	
instrumentation papers	13631-632	report, 1963	14173
satellite, use of solid circuits	14836	International relations:	
Insurance, <i>see</i> types of insurance.		for commanders, this changing	
Integral coolant channels simply		world	13667
made by melt-out method	14807	some U.S. Government agencies en-	
Integral neutron thermalization	13692	gaged in international activi-	
Integrated system for collecting and		ties	15103
analyzing environmental test		USSR, economic relations, trans-	
data	14863	lations	14518
Integration, <i>see</i> Race problems.		International Research Group on	
		Refuse Disposal, information	
		bulletins	15056

Entry	Entry
Interparliamentary Group, Mexico-United States, <i>see</i> Mexico-United States Interparliamentary Group.	IRS, <i>see</i> Internal Revenue Service.
Interpretative bulletin, Wage and Hour and Public Contracts Divisions -----	Isakson, G., natural frequencies in coupled bending and torsion of twisted rotating and nonrotating blades -----
15146	14778
Interstate agreements:	Isler, D. A., spray distribution patterns from Piper PA-18A airplane flying at 50 feet -----
Delaware-New Jersey Delaware River Port Authority compact, consent of Congress, law -----	13566
13870	Isotopes, radiolsotope shielding design manual -----
Pennsylvania-Ohio compact, Pymatuning Lake, amend rel. to specifications and speed of motorboats, consent of Congress, report -----	13703
14081	<i>see also</i> names of isotopes, e.g. Uranium isotopes.
Interstate and Foreign Commerce Committee, House:	Israel, accessions list, Library of Congress, American Libraries Book Procurement Center, Tel-Aviv -----
hearing -----	14717
14009	Italy, market for semiconductor devices -----
13973, 13975, 13980-984	13740
Interstate compacts, <i>see</i> Interstate agreements.	Ivory Coast, foreign trade regulations -----
Interviewing and counseling, basic supervisory training course -----	14383
15082	Izvestiya VUZov (periodical): translations -----
Intestines, common protozoa of man -----	14479, 14509
15045	
Inventions, Government owned, available for license, patent abstract series, supp -----	J
15135	Jackson County, Miss., soil survey report -----
Inventories:	15093
Census Bureau, machine-readable data available -----	Jamaica, N.Y., aircraft accident -----
13769	13786
municipal waste facilities in United States, 1962, statistical summary -----	Japan:
15068	Japanese Association for Radiation Research on Polymers, reports, 1960-61 -----
Inverters, silicon controlled rectifier, circuit controls transients -----	13689-690
14815	portland cement, white, determination of no injury to U.S. industry -----
Investment casting, <i>see</i> Founding.	15134
Investment companies, small business program, hearings -----	trade in manufactured products, 1961-62 -----
14018	14392-394
Investments, factors in Republic of Korea -----	trends and developments in economy affecting market for U.S. farm products, 1950-62 -----
14382	14174
Investors, protection in securities markets, report -----	Javits, Jacob K., testimony, hearings -----
13978	14156
Ion dissociation, drift tube of time-of-flight mass spectrometer -----	14334
13637	Jefferson National Forest, story -----
Ionization:	Jensen, A. O., vapor thermionic converters for nuclear application -----
photoionization cross sections of rare gases -----	14786
14779	Jensen, Malcolm W., examination of farm milk tanks -----
photoionization of atomic oxygen.	14933
Ionizing radiation, stability of functionally heterogeneous portions of DNA, USSR study -----	Jersey cattle, <i>see</i> Cattle.
14623	Jets:
Ionosphere:	comparisons of experimental free-jet boundaries with theoretical results obtained with method of characteristics -----
east-west propagation paths, sunrise effects -----	14865
13629	highly underexpanded free jets impinging upon parallel flat surface -----
Martian and Cytherian, theoretical study -----	14864
14868	Justo, James E., project fog drops -----
research by satellites, agreement with Canada -----	14785
15112	Job Corps:
Ions:	establish -----
double layer and electrostatic adsorption, USSR study -----	14152
14456	report -----
14942	14120
Iran, cotton -----	Job horizons for college women in 1960's -----
14292	15175
Ireland:	Job seekers, <i>see</i> Unemployed.
electromechanical fishing and counting fence used -----	Jobs, <i>see</i> Occupations—Women.
14267	Johnson, Joseph L., infrared analysis of gases produced during molten salt electrolysis of metals -----
14386	14758
IRGR, <i>see</i> International Research Group on Refuse Disposal.	Johnson, Louis F., jr., maximum pressure-volume relationships of human respiratory system -----
13665	13648
Iron:	Johnson, Nicholas:
low copper and sulfur content, recovered by smelting copper reverberatory slags -----	remarks—
14762	June 24, 1964 -----
ores, Mesabi Range, feasibility of Krupp-Renn process for treating, digest -----	14723
13665	July 27, 1964 -----
<i>see also</i> Cast iron.	14724
Irradiation, <i>see</i> Radiation—X-rays.	Johnson, Richard L., recent mollusca of Augustus Addison Gould, etc -----
Irrigation, USSR, discussion of problems at February plenum of Central Committee CPSU -----	14962
14650	Johnson, Robert C., fibrous silicon nitride synthesis and properties -----
	14749

INDEX

Entry	Entry		
Joint Publications Research Service, JPRS series-----	14408-659	Kinetics:	
Jonathan, N., planetary physics, chemiluminescence from atomic oxygen-nitric oxide reaction under upper atmospheric conditions-----	14780	analysis, including attenuation of both neutrals and ions by scattering-----	13645
Journals, executive proceedings of Senate, 88th Cong., 1st sess., index-----	14022	equations for plasma including radiation in presence of external magnetic field, solution-----	13699
Journey without adventure and fantasy, Communist China-----	14451	reactor kinetics and control, symposium-----	13714
JPRS series-----	14408-659	<i>see also</i> Chemical reactions.	
Juab County, Utah, geology and mineral deposits-----	14341	Kinetocardiography, accelerometric precordial ballistocardiogram in hypertension-----	14913
Judge Advocate General, Army, legal service, pamphlets-----	13671-674	King salmon, <i>see</i> Salmon.	
Judicial Conference of United States, proceedings-----	13925	Kings Canyon National Park, general information-----	14979
Judiciary Committee, House:		Kings Mountain, N.C., Foote Mineral Co., continuous flotation of beryl from spodumene mill tailing-----	14748
hearings-----	14010	Kits, <i>see</i> Armament kits.	
report-----	13928	Knight, S. J., forecasting trafficability of soils subjected to freezing and thawing-----	14211
Judiciary Committee, Senate:		Kobett, D. R., panel flutter research-----	14788
hearings-----	14147-150	Kohl, Jessie W., research reported by Naval Medical Research Laboratory, 1963-----	14728
reports-----	14032-47,	Korea, Republic, investment factors-----	14382
14079-81, 14083-86, 14099		Krupp-Kenn process, treating lean iron ores of Mesabi Range, feasibility-----	13665
Jurisdiction, naval hospital, Portsmouth, Va., adjust, report-----	14116	Kudirka, Joseph M., flight evaluation of UH-1B helicopter equipped with XM-5 armament kit-----	13621
Justice Department:		Kyanite and related minerals, minerals yearbook chapter-----	14739
opinions of Attorneys General, bound volume-----			
departmental edition-----	14660		
document edition-----	13919		
K		L	
Kaibab Lumber Co., land sale to-----	13863,	Labels, steel containers in interstate commerce, report-----	13983
	14031	Labor:	
Kamm, Irmin O., research on light-truck highway train-----	15136	Formosa, labor law and practice-----	14690
Kampouris, Polly A. M., relief-----	14037	labor force, special report-----	14709
Kansas, highways bordering Fort Leavenworth Military Reservation and U.S. Penitentiary at Leavenworth, retrocede jurisdiction, report-----	14110	markets-----	
Kansas City, Mo., aircraft accident-----	13788	cost of moving from one area to another-----	13663
Keating, Kenneth B., testimony, hearings-----	14156	occupational earnings, 1963-64-----	14711
Kelley, Catherine M., foreign trade regulations of Austria-----	14381	monthly labor review, reprints-----	14709-710
Kenline, Paul A., air pollution and kraft pulping industry-----	15047	requirements for private one-family house construction-----	14703
Kennedy, John F., inaugural address, Jan. 20, 1961 (poster)-----	13920	worker and farmer share role in building Great Society (addresses)-----	13575-576
<i>see also</i> President of United States.		<i>see also</i> Wages— <i>also</i> headings beginning Labor.	
Kennewick division, <i>see</i> Yakima project.		Labor and Public Welfare Committee, Senate:	
Kentucky:		hearings-----	14151-155
eastern, forest industry processing and marketing complex-----	13666	report-----	14120
electric rate book-----	14248	Labor hygiene, <i>see</i> Hygiene.	
primary wood industries of Kentucky, utilization summary and directory-----	14307	Labor laws:	
Key to meteorological records documentation-----	15156-162	Federal laws and programs, layman's guide-----	14671
Keyserling, Mary D.:		labor law and practice in Taiwan (Formosa)-----	14690
addresses-----		State, affecting women, North Dakota-----	15176
May 25, 1964-----	15172	State minimum wage laws, summary-----	14673
July 18, 1964-----	15177	State occupational safety and health, summary-----	14674
Kidneys:		State wage payment and collection, suggested language-----	14683
autoregulation, mechanism in intact kidney-----	13734	Labor legislation, <i>see</i> Labor laws.	
functional condition after repeated thermal trauma, USSR study-----	14468	Labor management, <i>see</i> Industrial relations.	
renal function and renal hemodynamics, acute and chronic effects of insecticide endrin-----	13728	Labor-management reporting and disclosure act of 1959, text-----	14668
Kilauea Volcano, 1961 eruption-----	14345	Labor markets, <i>see</i> Labor.	

AUGUST 1964

	Entry
Labor standards :	
fair labor standards act—	
hours worked-----	15146
quick look at hours worked under,	
information folder-----	15149
young workers, provisions appli-	
cable-----	15147
Labor Standards Bureau :	
bulletins-----	14670-671
fact sheet (series)-----	14673-675
Labor Statistics Bureau :	
BLS report series-----	14685-691
bulletins-----	14692-706
Labor unions, agreements with Post	
Office Department, 1963 and	
1964-----	15026
Laboratories, <i>see</i> names of laborato-	
ries or places where located.	
Laboratory apparatus and supplies,	
stainless steel fume hood for	
safety in use of perchloric	
acid-----	14755
Laboratory-industrial cleaning tech-	
niques and materials-----	14167
Laciskey, John F., union wages and	
hours, motortruck drivers and	
helpers-----	14701
Lacroix, Henri P., address, June 23,	
1964-----	14678
Ladd, Richard S., treasure maps and	
charts, list-----	14716
Lake Erie, Battle of, Sesquicentennial	
Celebration Commission, <i>see</i>	
Battle of Lake Erie Sesquicen-	
tennial Celebration Commis-	
sion.	
Lakes, <i>see</i> names of lakes.	
Lamb :	
imports, restrict—	
hearings-----	14135
report-----	14098
Land, acquired by Federal agencies for	
projects, reimburse owners for	
moving expenses, report-----	14076
Land-grant colleges :	
funds to establish water resources	
research centers, report-----	13958
salaries and student charges, 1963-	
64-----	14195
Landes, R. A., internal environmental	
simulator for man-machine sys-	
tem design-----	15004
Landing (spacecraft), <i>see</i> Spacecraft.	
Language and languages, language	
laboratory, how effective is it?—	
<i>see also</i> names of languages.	
Lansing, John B., cost of geographic	
mobility-----	13663
Laos :	
Burma boundary, study-----	15100
Cambodia, boundary, study-----	15099
China boundary, study-----	15101
prescription for peace-----	13667
United States contribution for su-	
pervision and control, report-----	13967
Lassen Volcanic National Park, gen-	
eral information-----	14972
Lassiter, Roy L., jr., utilization of	
U.S. otter-trawl shrimp vessels	
in Gulf of Mexico, 1959-61-----	14271
Las Vegas, Nev., aircraft accident-----	13787
Lathes :	
converted for grinding aspheric	
surfaces-----	14814
copying, for shoes, temporary sus-	
pension of duties, continue,	
law-----	13885
Launchers, Saturn V launch vehicle,	
proposed versions, aerodynamic	
characteristics-----	14883
Law :	
Eastern Europe, legal journals,	
abstracts-----	14646
Judge Advocate legal service, Army	
pamphlets-----	13671-674

	Entry
Law—Continued	
procurement legal service, Army	
pamphlet-----	13679
slip laws (private) 88th Con-	
gress-----	13840-865
slip laws (public) 88th Con-	
gress-----	13866-915
State, time off for voting-----	14670
<i>see also</i> subjects.	
Law enforcement, officers, guide to	
laws enforced by Alcohol and	
Tobacco Tax Division-----	14366
Laws, <i>see</i> Law— <i>also</i> subjects.	
Layout, <i>see</i> Plants (industrial).	
Leaching, mercury, continuous-circuit	
method, cost estimates and opti-	
mum conditions-----	14744
Lead :	
disposal from national stockpile—	
hearings-----	13992
reports-----	13936,
14095	
Lead oxides, morphology of PbO ₂ in	
positive plates of lead acid	
cells-----	15007
Leaflets, <i>see</i> names of departments,	
etc., issuing leaflets— <i>also</i> sub-	
jects.	
Leak detectors, helium mass spec-	
trometers use-----	14834
Learning :	
computer-aided, sound identifica-	
tion, experiments-----	15003
one-trial, and quantum psychophys-	
ics, synthesis-----	15006
Leases, phosphate, increase acreage	
limitation, hearing-----	14145
Lee, Charles F., mechanizing blue	
crab industry-----	14269
Lee Transportation Co., Inc., acci-	
dent-----	14404
Legal opinions, rulings in administra-	
tion of Railroad retirement	
act and Railroad unemploy-	
ment insurance act, 1961-----	15074
Legal services, <i>see</i> Law.	
Legislation, major legislative actions,	
88th Congress-----	13917
<i>see also</i> Labor laws—Law— <i>also</i>	
subjects.	
Legislative jurisdiction, <i>see</i> Jurisdic-	
tion.	
Legislative Standards Commission,	
establish, hearings-----	14156
Leslie, Edward A., foreign trade reg-	
ulations of Ireland-----	14386
Lettuce, prepackaging at shipping	
point-----	13591
Lewis, Wayne C., board materials	
from wood residues-----	14314
Liability insurance, motor vehicle,	
Army regulations-----	13670
Libby, Charles E., stalling and tum-	
bling of radio-controlled par-	
awing airplane model-----	14852
Liberia :	
education and culture, exchange	
program, financing, agree-	
ment-----	15122
military mission, agreement-----	15126
Port of Monrovia, transfer of title,	
agreement-----	15119
Libove, Abraham H., survival experi-	
ence of radium cases-----	13701
Libraries :	
automated approach to technical	
information retrieval system-----	15078
book of the future, USSR study-----	14522
library research in progress-----	14190
new serial titles, 3d edition, 1963	
cumulation-----	14719
State functions, 3d assembly, pro-	
ceedings-----	14720

INDEX

Entry	Entry	Entry	Entry
Library accessions, Israel, American Libraries Book Procurement Center, Tel-Aviv-----	14717	Load (mechanics): air loads on man, studies-----	13726
Library list, National Agricultural Library-----	14930	Loading, <i>see</i> Unlading and lading.	
Library of Congress: accessions, Israel, American Libraries Book Procurement Center, Tel-Aviv-----	14717	Loans: Alaska reconstruction of areas damaged by earthquakes-----	14140
catalog, music and phonorecords-----	14718	hearing-----	14067
Public law 480 project, accessions list, Israel-----	14717	reports-----	13953, 14067
treasure maps and charts, list-----	14716	Farmers Home Administration, increase limitation, report-----	13949
Licenses, shelter, licensing and marking instructor's guide-----	13794	forest tracts, by national banks, liberalize restrictions, law-----	13890
<i>see also</i> classes of persons to whom, or subjects for which, licenses are issued.		housing for elderly in rural areas, insured loan program, extend-----	13889
Lie detectors, use of polygraphs by Federal Government, hearings-----	14003	law-----	14058
Liens, bankrupt estate priorities, report-----	14079	report-----	14058
Life insurance: national service-----		national defense student loan program, increase authorization, etc., hearings-----	14151
raising age limit to 65 for total disability income provision-----		urban mass transportation, additional assistance, law-----	13913
law-----	13903	Locks (hydraulic engineering): miter-type gates, operating forces on-----	14213
report-----	14064	Lodgepole pine, <i>see</i> Pine.	
waiver of premiums upon becoming disabled prior to age 65-----		Logic (symbolic and mathematical): computer circuit will fit on single silicon chip-----	14809
law-----	13912	digital elements provide additional functions from analog input-----	14822
report-----	14063	microelectronic design, MRIR-PCM telemetry system, practical example-----	14856
Life on other planets, transmission of information by extraterrestrial civilizations, USSR study-----	14648	Logical forms of crime classification, USSR-----	14452
Life support systems, internal environmental simulator for man-machine system design-----	15004	Logs, ponderosa and sugar pine, grading saw logs in trees, improved system, guide-----	14306
Lift (aircraft): parawings as auxiliary lifting devices for supersonic airplane configuration, low-speed, longitudinal aerodynamic investigation-----	14879	<i>see also</i> Scale (logging).	
Light, absolute photometry of night sky, zenith intensity of Haleakala, latitude N 20.7°, and at Fritz Peak latitude N 39.9°-----	14939	Long Island Conference on Industrial Modernization proceedings, Apr. 16, 1964-----	13742
Light filters, color photography, selection of camera filters-----	14934	Longleaf pine, <i>see</i> Pine.	
Lights and lighting, Naval Oceanographic Office list, British Isles, etc-----	14992	Lopez, Faye E. R., relief-----	13845
Limestone, Guam, petrology-----	14340	Lotan, James E., regeneration of lodgepole pine-----	14319
Lincoln, Abraham, statue for presentation to Mexico, report-----	13964	Louisiana, sugarcane culture for sugar production-----	13580
Lincoln, Nebr., root development of ponderosa pine transplants-----	14326	Lower Colorado River Land Use Advisory Committee, report-----	14364
Line parameters and computed spectra for water vapor bands at 2.7 μ -----	14937	Lower Teton Division, <i>see</i> Teton Basin project.	
Lipper, Harold W., helium-----	14735	Lu, Z. A., finite element solution for thin shells of revolution-----	14768
Liquid fluorine, <i>see</i> Fluorine.		Lubricants, Federal supply catalog, management data list, change-----	14161
Liston, Sonny, boxing activities, investigation, hearings-----	14150	Luevano, Daniel M., nomination, hearing-----	14127
Lists, <i>see</i> subjects of lists.		Luke, Keung P., theoretical study of zero-field electron work function of metal immersed in gas, direct application to cesium thermionic diode-----	14886
Literature: civil defense training, list-----	15051	Luke area, Ariz., geology and ground water of Maricopa County, Ariz-----	14356
nuclear science conference, availability-----	13717	Lumber: board materials from wood residues-----	14314
index-----	13709	industry, mergers and economic concentration in Douglas-fir-----	14331
Liver, microsome and reductase activity in young male rats, influence of X-irradiation on development-----	13651	overlays, old product in new dress-----	14311
Livestock, feed production, current industrial report-----	13757	Luminescence, chemiluminescence from atomic oxygen-nitric oxide reaction under upper atmospheric conditions-----	14780
Lloyd, Dallas, arms control and disarmament, studies in progress or recently completed-----	15106	Lunar: NOTE.—For other subjects beginning Lunar, <i>see</i> Moon.	
		Lunar missions, <i>see</i> Moon.	

AUGUST 1964

Entry	Entry		
Lunar science, lunar surface studies, bibliography-----	14798	Malaria, description, etc., health information series-----	15049
Lungs, device induces lungs to maintain known constant pressure-----	14825	Malawi, tobacco production and marketing-----	14291
Lynn, Ind., accident-----	14405	Malheur National Wildlife Refuge, mammals, list-----	14280
Lyons, John C., welded electronic module fabrication-----	14862	Mali, foreign trade regulations-----	14383
M		Malignant tumors, see Cancer.	
MA SP series-----	14723-724	Mammals:	
Mable, C. P., petrographic study and classification of western phosphate ores-----	14750	Malheur National Wildlife Refuge, list-----	14280
Macaroni, recipes, Army technical manual-----	13682	sea, America's rare-----	14274
McBrien, Thomas H., remarks, June 24, 1964-----	14682	Man:	
McCain, John S., new 4-ocean challenge-----	15015	air loads effects, studies-----	13726
McGary, J. W., oceanographic observations, North Atlantic Ocean station Delta 44° N, 41° W-----	13815	common intestinal protozoa-----	15045
McGauhey, P. H., causes and prevention of failure of septic-tank percolation systems-----	14240	training of people, implications of changing technology (address)-----	14677
Machinery, selected, and equipment, trade of United States, Western Europe, Canada, and Japan, 1961-62-----	14393	use in booster guidance and control-----	14789
Machinists, see Aviation machinists.		Man-machine system, performance and control system lags-----	14791
McIntyre, Walter, simulation of helicopter and V/STOL aircraft-----	15005	Management, see Administrative management.	
McKee, Richard C., financing graduate education-----	14184	Managers, training and development, Army pamphlet-----	13677
McKenzie, Mary A., proceedings of 3d assembly on library functions of States-----	14720	Manella, Raymond L., racially integrating State's training schools-----	13782
McMurray, Joseph P., remarks, July 13, 1964-----	14239	Manganese:	
McNulty, Donald J., occupational wage survey, Cincinnati, Ohio-Ky-----	14700	electronic paramagnetic resonance spectra, chemical bond estimation, USSR study-----	14456
McReynolds, Jane, airman qualifying examination, use to predict completion of basic training-----	13635	ore, suspension of import duty, law-----	13887
Magma, Mongolia, deposits, geographical distribution-----	14528	resources of Batesville district, Ark., field investigations, July 1956-June 1961-----	14760
Magnesium:		Manpower, experimental and demonstration programs, demonstration notes-----	14663-664
alloys, high temperature processing, USSR study-----	14410	Manring, E., model for periodic character of winds from 85 to 135 km-----	14767
minerals yearbook chapter-----	14740	Manson unit, see Chief Joseph Dam project.	
Magnetic fields:		Manuals, see names of departments, etc., issuing manuals—also subjects.	
azimuthal, of thick, finite-length, helical solenoid-----	14895	Manufactures and manufacturers: census, 1963, reference manuals, announcement and order form-----	13746
excitation of electrostatic oscillations-----	13698	earnings series, summary, 1939-64-----	14685
kinetic equations for plasma including radiation, solution-----	13699	U.S. share of world markets for manufactured products, analysis of changes from 1954-61-----	14395
magnetotelluric investigations in Georgia, USSR-----	14430	see also names of manufactured articles.	
Maher, James F., jr., YLR99-RM-1 rocket engine operating experience in X-15 aircraft-----	14899	Maps and charts:	
Mail matter, morally offensive matter sent through mail, protect postal patrons, report-----	13938	Census Bureau, United States maps, GE-50 series-----	13775
Maine:		standard metropolitan statistical areas, U.S. and Puerto Rico, 1963-----	13775
retirement system, separate treatment for teachers and other employees for social security purposes, law-----	13898	treasure maps and charts in Library of Congress, list-----	14716
women, legal status-----	15173	Maricopa County, Ariz., geology and ground water of Luke area-----	14356
women workers, 1960-----	15178	Marine Corps:	
Maintenance:		new 4-ocean challenge-----	15015
aircraft maintenance, preventive maintenance, etc., Federal aviation regulations-----	14228	officers, promotions, improved opportunity, extend, report-----	14118
management data, field command procedures, Army manual-----	13683	uniform regulations, changes-----	14721-722
precision approach radar (PAR) facilities, FAA handbook-----	14228	Marine fauna, America's rare sea animals-----	14274
		Maritime Administration, SP series-----	14723-724
			724
		Maritime law, law of the sea, convention on Continental Shelf, adopted at UN conference-----	15114

INDEX

Entry	Entry
Markets and marketing: market indicators for Asia and Oceania	14372
marketing research reports	13586-592
modernization, key to new markets (address)	13741
Netherlands, factors	14388
U.S. share of world markets for manufactured products, analysis of changes from 1954-61	14395
Venezuela, market for U.S. products	14370
<i>see also</i> subjects.	
Marks, Leonard, Jr., nomination, hearing	14127
Marriage, District of Columbia divorce, legal separation and annulment laws, amend, report	13972
Marrow, bone, transplantation, in acute radiation sickness, state of hemopoietic tissue, USSR study	14592
Mars (planet): ionosphere, theoretical study	14868
Marshall County, W. Va., coal, preparation characteristics	14746
Martin, Clarence D., remarks, June 15, 1964	13826
Martin, Kenneth L., limited C-130-E category 2 stability and control tests	13615 14038
Martino, Angelina, relief	14038
Marty, Robert, evaluating and scheduling white-pine weevil control in northeast	14330
Martz, C. William, complex Fresnel integral tables	14797
Maryland: construct additional bridge across Chesapeake Bay, report	13954 13782
training schools, integrating	13782
Mass spectrometers, <i>see</i> Spectrometers.	
Massa, Ronald J., visual data transmission	13643
Massachusetts: jurisdiction over lands, within Fort Devens Military Reservation, report	14111
landings, fish and shellfish by ports, annual summary, 1963	14264
weather stations, decadal census	15161
Matanuska formation, stratigraphic reconnaissance in Matanuska Valley, Alaska	14339
Matanuska River and Valley, stratigraphic reconnaissance of Matanuska formation, Alaska	14339
Material Inspection Service, administration manual	15014
Materials: aircraft, metallic materials and elements for flight vehicular structures, change	14162
atomic, engineering materials, list	13710
Communist China, translations	14656
composite, structural behavior	14784
hard, mining or in situ disintegration	15019
industries, East European, translations	14497, 14544, 14603
<i>see also</i> names of materials.	
Materiel, <i>see</i> Military supplies.	
Mathematics: East European scientific abstracts	14423, 14434, 14469, 14596
functions, Hankel, computation	14940
Rumanian school	14477
tables— complex Fresnel integral	14797
supersonic flow around right circular cones at small angle of attack	14796
<i>see also</i> Logic (symbolic and mathematical).	
Matthews, Earle D., soil survey, Caroline County, Md.	15091
Mattresses (hydraulic engineering): articulated concrete, stainless and copper-clad steel wires, galvanic effect	14214
Mauritania, foreign trade regulations	14383 13844
Maurus, Edward J., relief	13844
Mavroides, W. G., monopole phased-array feed for spherical reflectors	13632
Maxwell, Marvin S., efficient PCM error correction and synchronization code	14860
May, E. C., satellite determination of high-altitude water vapor	14783
Mead, Walter J., mergers and economic concentration in Douglas-fir lumber industry	14331
Meade, Robert M., removal of water and rearrangement of particles during compaction of clayey sediments, review	14346 15048
Measles, general information	15048
Measurements, industrial productivity, data	14707
Measuring wool by staple length recorder	13590
Meat: imports, restrict— hearings	14135 14098
report— retail sales of broilers and meat as affected by price, display area, and newspaper advertising	14171
<i>see also</i> Packing industry.	
Meat inspectors, standards of performance, processing and non-processing operations	13574
Meat packing plants, <i>see</i> Packing industry.	
Mechanism of autoregulation in intact kidney	13734
Mechanization, blue crab industry	14269
Medal of Honor: hospital, domiciliary, and medical care for recipients, hearing	14154
pensions to holders, based on non-combatant duty, report	14073
Medical care: fallout shelters, manual for health workers, etc., errata	13792
fishing boat owners, restore eligibility, report	13971
Medal of Honor recipients, for non-service connected disabilities, hearing	14154
Medical Department, Navy, manual	14727
Medical facilities, <i>see</i> Hospitals.	
Medical industry, prospects, tasks and cooperation, USSR studies	14511
Medical officers, examination announcement, amdt	13795
Medical Research Laboratory, <i>see</i> Naval Medical Research Laboratory.	
Medical service, <i>see</i> Medical care.	
Medicine: AEC research and development in progress	13711
aeromedical reviews	13646
aerospace— dysbarism	13646
research studies bibliography	13732
East European scientific abstracts	14422, 14435, 14470, 14564
health frauds and medical quackery affecting the elderly, hearings	14122
School of Aerospace Medicine, technical documentary reports	13647-651

Entry	Entry
Medicine—Continued	Metabolism:
tranquillizing, analeptic and vasodilatating drugs effect on physical work capacity and orthostatic tolerance -----	RNA in cells of human malignant tumor, radiation effect, USSR study -----
USSR—	USSR studies -----
herald of Academy of Medical Sciences (USSR periodical) ---	<i>see also</i> Plants.
scientific abstracts -----	Metal mines and mining, silicosis in metal mining industry, 1958-61, reevaluation -----
translations -----	14574
Mediterranean Sea:	14620
radio navigational aids, 1964, change -----	Metallurgy:
tide tables -----	ferrous, USSR industrial development, translations -----
Medium-data-rate digital telemetry system -----	Mines Bureau, Albany Metallurgy Research Center, quarterly progress report -----
Medium resolution infrared-pulse code modulation telemetry, <i>see</i> Telemetry.	nonferrous, USSR industrial development, translations ---
Medland, Francis T., peer rating stability in changing groups ---	14507, 14605
Meet buyers for 400,000,000 new customers -----	USSR, scientific abstracts -----
14371	USSR, studies -----
Memorandums, <i>see</i> names of departments, etc., issuing memorandums.	14630
Memorial services, Green, William J., jr -----	Metals:
13837	exposed to vacuum and thermal outgassing, adhesion studies ---
Mental health, project grants, NIMH program -----	metal fatigue and cyclic stress, USSR study -----
15167	metallic materials and elements for flight vehicular structures, change -----
Mental illness, project grants, NIMH program -----	scrap, temporary suspension of duties, continue, law -----
15167	<i>see also</i> Strategic materials— <i>also</i> names of metals.
Mental institutions:	Metalworking machinery:
State and county patients, 1962 ---	current industrial reports -----
State hospitals, etc., directory ---	USSR industrial development, translations -----
Mentally ill, State and county hospitals, 1962 -----	14520, 14545
14950	14906
Mentally retarded:	Meteoritics -----
children, closed short-term group as treatment adjunct for parents -----	Meteorology:
13776	current Federal research and development activities -----
girls, experimental training programs -----	nuclear, selected articles, USSR observations above 30 kilometers, errata -----
13785	14795
implementation of mental retardation programs, report to the President -----	records documentations -----
14358	15156-162
President's Panel on Mental Retardation, task force report on behavioral and social research program of Division of Chronic Diseases -----	Methodology, training, programmed instruction -----
15059	13678
progress in research, summary ---	Metropolitan areas, <i>see</i> Cities and towns.
14953	Mexico:
State departments dealing with, directory -----	delivery of water to, special studies -----
14948	15077
State laws and regulations, checklist -----	emergency international flood control works, lower Colorado River, conclusions of agreements—
15067	hearings -----
Mercamine, radioprotective action on radiosensitivity of rats, effectiveness, USSR study -----	14000
14471	report -----
Merchandising, retail, bibliography ---	13966
15080	statue of Abraham Lincoln, presentation by U.S. report -----
Merchant marine:	13964
act of 1936, amend, report -----	trade, beef and veal, agreement ---
14051	15120
challenge constantly renewed (remarks) -----	winter vegetable production, survey -----
14724	14288
golden gate to tomorrow's American merchant marine (address) -----	Mexico, Gulf of:
14723	climate of Texas and adjacent Gulf waters -----
<i>see also</i> Shipping.	utilization of U.S. otter-trawl shrimp vessels, 1959-61 -----
Merchant Marine and Fisheries Committee, House:	14271
committee print -----	Mexico-United States Interparliamentary Group:
14012	4th meeting—
hearing -----	House delegation, report -----
14011	13963
reports -----	Senate delegation, report -----
13927, 13956, 13977	14137
Merchant vessels, <i>see</i> Ships.	Michaells, Robert E., standard reference materials, white cast iron spectrochemical standards -----
Mercury, continuous-circuit leaching, cost estimates and optimum conditions -----	14935
14744	Michelson stellar interferometers, infrared interference spectrometer, evaluation, test and calibration -----
Mergers, <i>see</i> Business consolidations.	14774
Mesabi Range, lean iron ores, feasibility of Krupp-Renn process for treating, digest -----	Michigan, weather stations, decadal census -----
13665	15158
Messengers:	Microbiology, USSR studies -----
capitol pages, residence, report ---	14638
14087	Microelectronics, <i>see</i> Electronics.
Supreme Court pages, residence, report -----	
14087	

INDEX

	Entry		Entry
Microscopes, attachment converts microscope to point source autocollimator	14829	Minerals:	
Microsomes oxidase and reductase activity in liver of young male rats, influence of X-irradiation on development	13651	deposits, Thomas and Dugway Ranges, Juab and Tooele Counties, Utah	14341
Microwaves, therapy, treatment of patients, USSR study	14576	extraction, depletion allowance, apportionment between parties, to certain contracts for income tax deductions, report	13948
Middle East, <i>see</i> East (Middle East)		industries, census, 1963, reference manuals, announcement and order form	13746
Midstate project, <i>see</i> Missouri River Basin project		leasing act of 1920, amend, hearing	14145
Midwest Emery Freight System, Inc., accident	14405	<i>see also</i> Strategic materials— <i>also</i> names of metals	
Migration, geographic mobility, cost	13663	Mines and mining:	
Military aid:		Communist China, translations	14412, 14537, 14643
agreement with—		in situ disintegration of hard material	15019
Argentina	15127	<i>see also</i> Blasting—Hydraulic mine filling	
Dominican Republic	15125	Mines Bureau:	
foreign assistance act of 1964, hearings	14136	Albany Metallurgy Research Center, metallurgical progress report	13719
foreign assistance appropriations, 1965, reports	19350, 19352	information circulars	14736-738
Military art and science:		report of investigations	14744-764
field command procedures, maintenance management	13683	Minimum wage, <i>see</i> Wages	
French military nuclear developments, press reports	14581	Mining, <i>see</i> Mines and mining	
USSR translations	14478, 14486	Minnesota, weather stations, decadal census	15159
Military assistance, <i>see</i> Military aid		Minors, <i>see</i> Youth	
Military handbooks	14162-163	Minyard, Jimmy D., cotton in Iran	14292
Military information, Eastern Europe	14508	MIS, <i>see</i> Material Inspection Service	
Military installations, <i>see</i> Installations (military)		Miscellaneous publications, <i>see</i> names of departments, etc., issuing publications	
Military missions, agreement with Liberia	15126	Missiles, delta-wing windward pressures, control surface interaction effects at Mach number of 6.83	14867
Military pay, <i>see</i> Pay, allowances, etc.		Mississippi River Delta, cotton, fiber and spinning properties, as affected by certain harvesting and ginning practices, 1959-60	13587
Military personnel, <i>see</i> Armed Forces		Mississippi River Parkway, <i>see</i> Great River Road	
Military service:		Missouri River and Valley:	
universal military training and service act—		snow survey measurement, 1919-63	15090
exemption of surviving son—		surface waters of basin above Sioux City, Iowa, records, Oct. 1950-Sept. 1960	14353
law	13903	Missouri River Basin project:	
report	14069	Nebraska midstate unit, inclusion—	
veterans' reemployment rights	15145	hearings	14007
military standard	14164	report	14061
Military supplies:		Mistletoe, dwarfmistletoe survey in western Montana	14317
impact of military supply and service activities on economy, hearings	13916	Mobile dwellings, <i>see</i> Trailers	
lend to Girl Scouts of America for 1965 encampment, report	13945	Mobility, <i>see</i> Geographic mobility	
maintenance management, field command procedures	13683	Moble, Thomas C., union wages and hours, printing industry	14702
management report Instructions, Federal property, NGB pamphlet	14944	Model Reporting Area for Blindness Statistics, statistical report, 1962	14958
procurement legal service, Army pamphlet	13679	Modelling of automatic control systems, USSR	14438
Milk:		Modernization, <i>see</i> Renovizing	
bulk cooling tanks on farms supplying Federal milk order markets	13559	Mohawk Airlines, Inc., accident	13790
containers, amend D.C. act regarding size, report	14106	Mohler, Fred L., multiply charged ions survey	14942
Milk tanks, <i>see</i> Tanks		Moisture, <i>see</i> Water vapor	
Milking shorthorn cattle, <i>see</i> Cattle		Molds (botany):	
Milky way, transmission of information by extraterrestrial civilizations, USSR study	14648	toxic effects on grain, USSR studies	14523
Miller, G. Kimball, jr., abort scheme for lunar landings	14871	Molds (forms):	
Miller, William C., bromine	14731	investment casting, new technology, USSR study	14513
Mills, <i>see</i> Flour mills			
Milwaukee, Wis., occupational wage survey	14698		
Mine filling, <i>see</i> Hydraulic mine filling			
Mineral industries, <i>see</i> Minerals			

AUGUST 1964

	Entry		Entry
Molecules:		Mortensen, Ernest, tropical and subtropical horticulture handbook	14398
bounce-back, test device for preventing	14812	Mortgage insurance: companies, Federal Home Loan Bank Board inquiry, statement	14238
diatomic, electronic states	14890	home mortgage transactions, FHA data	
quantum mechanical study	14890	selected housing areas	14241
Mollusks, recent mollusca of A. A. Gould, illustrations of types described, etc.	14962	States	14242
Molybdenum:		homes, FHA regulations, amendments	14243
disposal from national stockpile		project, FHA regulations, amendments	14244-245
hearing	13994	Morton, James G., address, June 22, 1964	13821
reports	13935, 14094	Motes (in cotton): reclaiming and marketing cotton gin motes	14169
Mondry, Leo M., relief	14047	Motion pictures: copyrighted, July-Dec. 1963	14158
Mones, Gerda S., retail sales, 1963	13767	Navy fleet motion picture service manual	15000
Money:		Motor carriers, property, road check results	14407
monetary and fiscal policy, growth and expansion (remarks)	13829	see also Motor vehicle accidents. Motor fuel, see Gasoline.	
prevalent policy and its consequences, analysis	13997	Motor vehicle accidents, investigation reports	14404-405
shopping, publications, list	15038	Motor vehicles:	
supply series, revision	14257	liability insurance, Army regulations	13670
Mongolia:		USSR industrial development, translations	14493
magma deposits, geographical distribution	14528	see also Motor carriers.	
People's Revolutionary Party, history	14565	Motortruck drivers and helpers, union wages and hours	14701
Monocacy Battle Centennial Day: designate		Motortrucks:	
law	13905	light-truck highway train, research on construction and testing	15136
report	14086	receiving facilities, selecting best capacity for country grain elevators	13592
Monographs, see names of departments, etc., issuing monographs.		Moulds, Donald E., bismuth	14730
Monopole phased-array feed for spherical reflectors	13632	Mount McKinley National Park, general information	14973
Monopolies:		MRIR-PCM (medium resolution infrared-pulse code modulation telemetry, see Telemetry.	
antitrust laws—		Muckler, F. A.:	
investigation, professional boxing, hearings	14150	control system lags and machine system performance	14791
price discrimination legislation, hearings	14149	use of man in booster guidance and control	14789
Monostable circuit with tunnel diode has fast recovery	14816	Multiple sclerosis, progress in research, summary	14954
Monrovia, Liberia, port, transfer of title, agreement with Liberia	15119	Muncie, Ind., accident	14405
Montana, western, dwarfmistletoe survey	14317	Munitions, armament kit, equipment for helicopter, flight evaluation	13621
Months, see Senior Citizens Month.		Murphy, Charles S., address, May 18, 1964	13577
Moon:		Musen, Peter, modification of Hill's method of general planetary perturbations	14897
lunar landings from synchronous orbit, thrust-vector orientation technique during manual control	14853	Music:	
lunar missions, abort scheme for landings	14871	African annotated bibliography	14715
lunar surface studies, bibliography—secular perturbations, Helphen's method applicable to long range effects in motions of celestial bodies	14798	Library of Congress catalog	14718
soft lunar landing of spacecraft, touchdown dynamics analysis, errata	14902	Muskmelons, cantaloup insects, how to control	13585
surfaces, physical state and nature, lunar radio emission	14842	Muskogee, Okla., redevelopment area, opportunities for economic improvement	13658
Moore, A. D., DDT and DDE residues in soil at Beltsville, Md., aerial test circle	14911	Mutton:	
Morey, George W., phase-equilibrium relations of common rock-forming oxides except water, data of geochemistry	14329	imports, restrict—	
Morphology:		hearings	14135
changes in human morphological arterioplasty with lavsan prosthesis, USSR study	14343	report	14098
lead dioxide in positive plates of lead acid cells	15007	Mystic Shrine, see Ancient Arabic Order of Nobles of Mystic Shrine.	
Morse, R. M., oceanographic observations, North Atlantic Ocean station Echo, 35° N, 48° W	13814		
Morse, Robert W., nomination, hearing	14127		
Mortality, see Death.			

INDEX

N	Entry	Entry
N.A.S.A., <i>see</i> National Aeronautics and Space Administration.		National Commission on Food Marketing: establish—
N.B.S., <i>see</i> National Bureau of Standards.		hearings ----- 13987
N.R.A.B., <i>see</i> National Railroad Adjustment Board.		law ----- 13902
N.R.L., <i>see</i> Naval Research Laboratory.		National Commission on Technology, Automation, and Economic Progress:
Nagy, James A., flight vibration data of Aerobee 150A sounding rocket ----- 14858		establish—
NASA, <i>see</i> National Aeronautics and Space Administration.		hearings ----- 13999
NASA EP series ----- 14793		report ----- 13985
NASA SP series ----- 14795-799		National Council of the arts, establish, hearings ----- 13998
NASA tech briefs ----- 14800-832		National defense: agreement with—
Natchez Trace Parkway, general information ----- 14974		Argentina ----- 15127
National Advisory Council of Nurse Training, establish, report ----- 13980		Dominican Republic ----- 15125
National Aeronautics and Space Administration:		continental radar defense system, agreement with Canada ----- 15123
appropriations, 1965, report ----- 13961		education act of 1958—
contractor report CR (series) ----- 14767-792		counseling and guidance training institutes program, policies and procedures manual ----- 14191
EP series ----- 14793		student loan program, increase authorization, etc., hearings ----- 14151
procurement, semiannual report, July 1-Dec. 31, 1963 ----- 14927		employment impact of changing defense programs ----- 14710
quality assurance provisions for Government agencies ----- 14794		National economy, <i>see</i> Economic conditions.
quality publication NPC 200 (series) ----- 14794		National electric rate book ----- 14246-251
report, semiannual ----- 14928		National Federation of Post Office Motor Vehicle Employees, AFL-CIO, agreement with Post Office Department ----- 15205
departmental edition ----- 14928		National forests:
document edition ----- 13926		administration, Intermountain region ----- 14297
SP series ----- 14795-799		grant easements, construct and maintain roads and trails, report ----- 14103
tech briefs ----- 14800-832		laws relating to establishment, and administration ----- 13579
technical memorandum ----- 14834		log sealing handbook ----- 14302
technical notes ----- 14835-899		range survey story and planning for management ----- 13596
technical reports ----- 14900-905		<i>see also</i> names of forests.
technical translations ----- 14906-926		National Guard:
technology utilization publications, list ----- 14929		Army, register, 1964 ----- 14945
National Agricultural Library, library list (series) ----- 14930		enlisted members, cancellation of indebtedness, authorize, report ----- 13941
National altitude rocket test facilities ----- 14833		Federal property, supply management report instructions ----- 14944
National Arboretum, general information ----- 13595		National Guard Bureau:
National archives, <i>see also</i> Records.		pamphlet ----- 14943-944
National Arts Foundation, establish, hearings ----- 13998		publications, index ----- 14943
National Association of Letter Carriers, AFL-CIO, agreement with Post Office Department ----- 15025		National health survey, vital and health statistics ----- 15071
National Association of Post Office and General Services, Maintenance Employees, agreement with Post Office Department ----- 15025		National housing act, <i>see</i> Housing.
National Association of Special Delivery Messengers, AFL-CIO, agreement with Post Office Department ----- 15025		National Institute of Mental Health, mental health project grants program ----- 15167
National banks, loans on forest tracts, liberalize restrictions, law ----- 13890		National Institutes of Health, research profile ----- 14952-956
National Boxing Commissioner, establish, hearings ----- 14150		National Labor Relations Board:
National Bureau of Standards:		decisions, digest ----- 14959
handbooks ----- 14932-933		hospitable reception for arbitration at Labor Board (address) ----- 14960
miscellaneous publications ----- 14934-935		National monuments and memorials, <i>see</i> names of monuments or memorials.
monographs ----- 14936-938		National Museum, bulletins ----- 14961-962
standard reference materials preparation, white cast iron spectrochemical standards ----- 14935		National Oceanographic Data Center: announcement ----- 14990
technical notes ----- 14939-942		fully processed oceanographic cruises, list ----- 14991
National Capital Planning Commission:		National parks, <i>see</i> names of parks.
appropriations, 1965—		National Railroad Adjustment Board, awards ----- 14982-986
law ----- 13904		National Rural Letter Carriers Association, agreement with Post Office Department ----- 15025
report ----- 13951		National security, administration, role of American Ambassador, study ----- 14138
National Capital Transportation Agency:		
appropriations, 1965—		
law ----- 13904		
report ----- 13951		

	Entry		Entry
National service life insurance, <i>see</i> Life insurance.		Nerves, extermital, influence of gravitational overloads of arterial system, USSR study	14616
National survey of historic sites and buildings	14975	Nervous system, neurological and sensory disease service program, PHS	15060
National Teachers' Day, designate 2d Monday in April, report	14083	Nests, structures for wood ducks, improved designs	14284
National Wilderness Preservation System, establish, report	13970	Netherlands, market factors	14388
Natural gas, <i>see</i> Gas.		Neuberger, Maurine B., testimony, hearings	14150
Natural resources, West Virginia	14365	Neuman, Robert B., fossils in Ordovician tuffs, northeastern Maine	14338
Natural science, <i>see</i> Science.		Neurological diseases, <i>see</i> Nervous system.	
Naturalization, becoming a citizen series	14360	Neuromuscular disorders, progress in research, summary	14955
<i>see also</i> Citizenship.		Neurosurgery, <i>see</i> Surgery.	
Naval Air Station, Pensacola, golden anniversary, galvano in commemoration, law	13868	Neutrinos, supernovas, and neutron stars, final evolution	14845
Naval education, Navy training courses	14997-999	Neutrons:	
Naval history, Civil War naval chronology, pt. 4, 1864	14996	stars, supernovae, and neutrinos, final evolution	14845
Naval hospitals, Portsmouth, Va., lands, police surveillance, report	14116	thermalization, integral, annual summary report, Oct. 1, 1962-Sept. 30, 1963	13692
Naval installations, <i>see</i> Installations (military).		Nevada Test Site, story	13722
Naval Medical Research Laboratory, research summaries reported on during 1963	14728	Nevis, plant import requirements	13573
Naval Oceanographic Office, publication series	14992-995	New England, weather stations, decadal census	15161
Naval petroleum reserves, no. 4, Umiat field, Alaska, sell crude oil for drilling, mechanical and heating operations in nearby areas, report	13933	New 4-ocean challenge	15015
Naval Research Laboratory, report series	15007	New Hampshire, weather stations, decadal census	15161
Naval Training Device Center, Port Washington, technical report	15002-6	New Jersey, compact concerning Delaware River Port Authority, consent of Congress, law	13870
Naval vessels, <i>see</i> Submarine boats.		New Mexico, coal, hydrogenation at short residence and high temperature	14752
Naval Weapons Bureau, NAVWEPS report	15008	New Orleans, La., Plaza Tower building, foundation laying ceremony, address	13818
Navigation, <i>see</i> Air navigation.		New York Airways, Inc., accident	13786
NAVTRADEVCEEN, <i>see</i> Navy Training Device Center, Port Washington.		New York World's Fair, United States pavilion, Government publications display, list	15039
NAVWEPS report	15008	Newman, Allen L., soil survey report, Cochran County, Tex.	15092
Navy:		Newspapers, <i>see</i> Press.	
fleet motion picture service manual	15000	Newton, Franklin E., fiber and spinning properties of cotton as affected by certain harvesting and ginning practices, Yazoo-Mississippi Delta, 1959-60	13587
new 4-ocean challenge	15015	Nicaragua, foreign trade regulations	14384
officers, promotions, improved opportunity, extend report	14118	Nicholls, Harry P., validity of scaling laws for explosion-generated motion	14754
Navy Department, Assistant Secretary, nomination of Robert W. Morse, hearing	14127	Nicholson, David E., hydraulic backfills and vibratory compaction tests	14759
Navy training courses, <i>see</i> Naval education.		Nickel, M 252 alloy, effect of heat treatment on mechanical properties, USSR studies	14419
NBS, <i>see</i> National Bureau of Standards.		Nicolaus, John J., automated approach to technical information retrieval, library applications	15078
Neal, Luther, jr., control-surface interaction effects on delta-wing windward pressures	14867	Niger, foreign trade regulations	14383
Near East, <i>see</i> East (Near East).		Nigeria, economy, basic data	14373
Nebraska, weather stations, decadal census	15160	NIMH, <i>see</i> National Institute of Mental Health.	
Nebraska mid-State unit, <i>see</i> Missouri River Basin project.		Niobrara formation, stratigraphy	14344
Nectarines:		Nitrogen, vibrational-nonequilibrium flow in hypersonic nozzles, errata	14837
production, use, value, by States, 1962-63	15129	Nobles of Mystic Shrine, <i>see</i> Ancient Arabic Order of Nobles of Mystic Shrine.	
reduction of postharvest decay with heat treatments	13586	NODC, <i>see</i> National Oceanographic Data Center.	
Neel, E. A., high density graphite recrystallized by hot forming	13652		
Neon, solubility determination in water and extracted human fat	13650		
Neoplasms, <i>see</i> Tumors.			
Nephilines, rocks containing, piezoelectric effect, USSR study	14467		
Nephritis, <i>see</i> Glomerulonephritis.			

INDEX

Entry	Entry
Noise, non-linear, analysis in FDM telephony transmission over SSB-PM satellite communication system-----	14892
Nominations, <i>see</i> names of persons.	
Nonlinear adaptive control systems with storage-----	14777
Nonlinear interaction of electromagnetic wave with time-dependent plasma medium-----	13638
North American Van Lines, Inc., accident-----	14405
North Atlantic slope basins, <i>see</i> Atlantic States.	
North Atlantic Treaty Organization, status of forces agreement, criminal jurisdictional operation, report-----	14100
North Carolina: electric rate book-----	14249
women, legal status-----	15174
North Dakota, women, labor laws, summary-----	15176
North Sea, lights and fog signals, list-----	14992
North Vietnam, <i>see</i> Vietnam.	
Northeastern Forest Experiment Station, annual report, 1963-----	14295
Northern Rhodesia, tobacco production and marketing-----	14291
Norton, R. B., Martian and Cytherian ionospheres-----	14868
Norway, economy, basic data-----	14387
Notices of judgement, insecticide, fungicide and rodenticide act-----	13572
Novak, Arthur F., radiation pasteurization of shrimp-----	13706
Nozzles: hypersonic, vibrational-nonequilibrium flow of nitrogen, errata-----	14837
supersonic aerodynamics handbook-----	15008
NRAB, <i>see</i> National Railroad Adjustment Board.	
NRL, <i>see</i> Naval Research Laboratory.	
NSLI, <i>see</i> Life Insurance.	
Nuclear energy, <i>see</i> Atomic energy.	
Nuclear engineering, materials list-----	13710
Nuclear explosions, use to increase petroleum recovery, feasibility study-----	14764
Nuclear powered ships: merchant shipping and nuclear power-----	13724
U.S.S. Thresher, in memoriam, Apr. 10, 1963-----	15016
Nuclear processes in chromospheric flares-----	14921
Nuclear reactor power plants, BONUS boiling nuclear superheater, final summary design report-----	13707
Nuclear science: conference literature-----	13717
availability-----	13709
index-----	13725
popular books, list-----	13725
Nuclear warfare, <i>see</i> Atomic warfare—Weapons.	
Nuclear weapons, <i>see</i> Weapons.	
Nuernberger, George F., remarks, June 23, 1964-----	14680
Numbers, probability theory, new method, USSR study-----	14440
Numerical calculations, farmers' handbook of financial calculations and physical measurements, errata-----	13579
Nurseries (horticulture): nursery products, production and sales, 1962 and 1963-----	15130
Nursery stock, <i>see</i> Nurseries (horticulture).	
Nurses and nursing: nurses' professional registries, tax-exempt status, report-----	13962
nursing at Clinical Center, NIH-----	14940
patient care in hospital, method of studying-----	15061
training act of 1964, report-----	13980
Nyasaland, <i>see</i> Malawi.	
Nystagmus, vestibular, human, control of arousal and effects of repeated unidirectional angular acceleration on responses, task-----	13731
O	
O.A.S.D.I., <i>see</i> Old-age, survivors, and disability insurance.	
O.A.S.I. series-----	15083-85
Oak: Arizona Gambel oak, specific gravity-----	14325
woods, identification-----	14312
Oak Ridge National Laboratory: master analytical manual-----	13712
indexes-----	13713
supplement-----	14298
Oak wilt, general information-----	14298
OASDI, <i>see</i> Old age, survivors, and disability insurance.	
OASI series-----	15083-85
Oats, composition of commercial grades-----	13570
Obermayer, R. W., performance measurement in flight simulation studies-----	14790
Obolensky, Serge, Amharic, basic course, units 1-50-----	15094
OBR series-----	14372-390
Obscene matter, sent through mail, protect postal patrons, report-----	13938
Occupational earnings in major labor markets, 1963-64-----	14711
Occupational health, <i>see</i> Health.	
Occupational therapy, comprehensive restorative therapy and training of personnel in neurosurgical care system, USSR articles-----	14634
Occupational wage survey, <i>see</i> Wages.	
Occupations: career opportunities-----	15150
engineers and physicists, weather systems-----	14949
nursing at Clinical Center, NIH-----	14947
psychiatry, Public Health Service-----	13805
trades and crafts in Federal agencies-----	15175
job horizons for college women in 1960's-----	14674
State safety and health legislation, summary-----	15015
Ocean, new 4-ocean challenge, role of Navy and Marine Corps Team-----	15015
<i>see also</i> Sea water.	
Ocean stations, <i>see</i> Weather stations.	
Oceania, market indicator for Oceania-----	14372
Oceanography: North Atlantic Ocean station Delta, 44° N, 41° W, observations-----	13815
North Atlantic Ocean station Echo, 35° N, 48° W, observations-----	13814
oceanographic cruises, NODC fully processed, list-----	14991
oceanographic reports-----	13814-815
research, equipment and techniques, USSR studies-----	14409
Octal codes, <i>see</i> Electronic computers.	
OEDP, <i>see</i> Redevelopment (city planning, etc.).	
Off the job safety as element of total safety (remarks)-----	14681

August 1964

Entry	
Officers, <i>see</i> names of services to which officers belong.	
Ohio :	
farm vacation enterprises-----	14168
Pymatuning Lake compact, amend rel. to specifications and speed of motorboats, consent of Congress, report-----	14081
Ohio County, W. Va., coal, preparation characteristics-----	14746
Ohio River Division Laboratories, technical reports-----	14207-208
Oil, <i>see</i> Petroleum.	
Oil fields, <i>see</i> Petroleum.	
Oil shale, technology, review-----	14737
Oils, Federal supply catalog, management data list, change-----	14161
Oklahoma, weather stations, decadal census-----	15162
Old age, <i>see</i> Aged.	
Old age and survivors insurance, OASI series-----	15083-85
Old age assistance, money payments to recipients, Oct. 1963-----	14215
Old-age, survivors, and disability insurance :	
benefits by income class-----	15086
financing your social security benefits-----	15084
Maine and Texas retirement systems, coverage, law-----	13898
Older American veteran-----	15143
One-trial learning and quantum psychophysics, synthesis-----	15006
Opinions, <i>see</i> names of courts, etc., rendering opinions.	
Optics, atmospheric, selected articles, USSR-----	14909
Optimal process, control problem, USSR study-----	14562
Orbits :	
elliptic, central force laws-----	13636
satellites, long range effects caused by moon and sun-----	14902
Ordovician period, fossils in Ordovician tuffs, northeastern Maine-----	14338
Oregon State University, mass spectrometers, duty-free entry, report-----	14049
Ores, <i>see</i> names of metals or minerals.	
Organic chemistry, Research Institute of Hungarian Organic Chemical Industry, activities-----	14514
Orifices, elastic, automatically regulates gas hearings-----	14800
Oroville, Calif., land conveyance, report-----	14114
Orr, Robert L., occupational wage survey, Phoenix, Ariz.-----	14696
Oroton, Robert B., climate of Texas and adjacent Gulf waters-----	15151
Osburn, Hobart G., validation of carefulness test battery against training school criteria-----	13633
Oscillations (electric) :	
excitation of electrostatic oscillations in magnetic field-----	13698
Otter trawls, <i>see</i> Trawls and trawling.	
Our United States-----	14360
Outer space :	
aerospace information handbook-- first manned group flight, Aug. 11-12, 1962, USSR-----	14613
Goddard Space Flight Center, contributions to COSPAR meeting, June 1963-----	14854
investigation, USSR bibliography-----	14926
physiology, neon solubility determination in water and extracted human fat-----	13650
Outpatient services, <i>see</i> Clinics.	
Overbeck, John G., relief-----	13841
Overbeck, Mary G., relief-----	13841

	Entry
Overlays for lumber, old product in new dress-----	14311
Overseas business reports-----	14372-390
Overseas service, learning to live overseas, Army pamphlet-----	13676
Oxides, rock-forming, except water, phase-equilibrium relations-----	14343
Oxygen :	
atomic, photolionization-----	14779
chemiluminescence from atomic oxygen-nitric oxide reaction under upper atmospheric conditions-----	14780
effect on flammability of lip, face and hair preparations-----	13729
spontaneous chain ignition with hydrogen in shock waves, USSR study-----	14444
Ozone :	
absorption of atmospheric thermal radiation in 9.6 u band region-----	14915
meridional distribution and total amount in atmosphere, effects of non-photochemical processes-----	14844

P

P.R.L., <i>see</i> Personnel Research Laboratory.	
PA series-----	13595-596
Pacific Ocean :	
central and western, tide tables, 1965-----	13812
radio navigational aids, 1964, change-----	14994
Pacific Southwest Forest and Range Experiment Station, report, 1963-----	14296
Pacific States, Pacific slope basins in Washington and upper Columbia River basin, surface waters, Oct. 1950-Sept. 1960, records-----	14354
Packaging :	
prepackaging lettuce at shipping point-----	13591
requirements code, military standard-----	14164
Packing industry, meatpacking and processing industries, employer expenditures for supplementary compensation practices, 1962-----	14706
Pages, <i>see</i> Messengers.	
PAI series-----	14216
Pamphlets, <i>see</i> names of departments, etc., issuing pamphlets.	
Panama, evacuation of dependents of Armed Forces from Panama and Cyprus, payment of expenses, authorize, report-----	13937
Panama Canal, U.S.S. <i>Alabama</i> , permit passage without toll charges, report-----	13977
Panels (aircraft) :	
flutter research-----	14788
Papa, Robert J., nonlinear interaction of electromagnetic wave with time-dependent plasma medium-----	13638
Paper, air pollution and kraft pulp-making industry-----	15047
Paperwork (office practice) :	
Federal jungle, hearing-----	14014
Parachutists, free-fall trajectories-----	13617
Parameters :	
hypersonic flow fields about blunt-nosed cylinders-----	14875
hypersonic shock-heated flow, as function of flight velocity and altitude-----	14900
line, and computed spectra for water vapor bands at 2.7 μ -----	14937

INDEX

	Entry		Entry
Parawings, <i>see</i> Wings (aircraft).		Peaches:	
Parcher, Frank M., what is your job in war disaster	14219	production, use, value, by States, 1962-63	15129
Parents:		reduction of postharvest decay with heat treatments	13586
of children with phenylketonuria, group guidance	13780	Peak, George W., Federal-State-private cooperative summary of snow survey measurements for Wyoming, headwaters of Missouri River, etc	15090
with mentally retarded children, use of closed short-term group as treatment adjunct	13776	Pearcy, G. Etzel, Middle East, indefinable region	15102
Parkinsonism, progress in research, summary	14956	Pearl Harbor Day:	
Parkinson's disease, progress in research, summary	14956	proclaim Dec. 7, 1966, in commemoration of 25th anniversary of attack	
Parliamentary conferences, <i>see</i> Mexico-United States Interparliamentary Group.		law	13914
Parolees, under supervision of Federal probation system, 1963, report	13556	report	14085
Particle board, <i>see</i> Pulpboard.		Pears, production, use, value, by States, 1962-63	15129
Particles, pigment size separation	14787	Pearson, Richard G., human factors, aspects of lightplane safety	13737
Passenger vessels, <i>see</i> Ships.		Pedagogy, <i>see</i> Education.	
Passports:		Peer rating, <i>see</i> Ratings.	
information and travel tips, do's and don'ts	15095	Penalties:	
United States, visa charges of foreign countries, list	15097	bribery in sporting contests, law	13866
Paste (Italian), <i>see</i> Macaroni.		criminal, false statements in connection with highway construction program, hearings	14010
Pasteurization, shrimp, radiation treatment	13706	Penitentiaries, Leavenworth, State highways bordering, retrocede to Kansas, report	14110
Patent Office:		Pennsylvania:	
classification bulletin	15018-19	bituminous strip mine spoils, 2d year results of hybrid poplar test plantings	14321
fees by applicants for patents, etc., increase, hearings	14147	compact concerning Delaware River Port Authority, consent of Congress, law	13870
Patents:		electric rate book	14250
fees paid by applicants to Patent Office, increase, hearings	14147	Pymatuning Lake compact, amend rel. to specifications and speed of motorboats, consent of Congress, report	14081
Government policies, latest development (remarks)	13831	Pennsylvania R. R., accident	14406
Hungarian National Patent Office, applications to	14515	Pensions:	
patent abstract series	15135	medal of honor holders, based on noncombatant duty, report	14073
Pathology, structure, properties and pathological changes of elastic structures, current data, USSR study	14593	miscellaneous bills on non-service connected benefits for veterans of all wars, hearings	14019
Patients:		plans for salaried employees, spring 1963	14704
hospital care, methods of studying	15061	Public Health Service commissioned officers, credit military services in computing Reserve retired pay, hearing	13995
in mental institutions, 1962	14950	Pepper, Leonard, stainless and copper-clad steel wires as reinforcement for articulated concrete mattresses	14214
microwave treatment, USSR study	14576	Perception:	
Pavements, design for frost conditions, engineering manual change	14204	depth, size cues and adjacency principle	13730
Pavillons, United States, New York World's Fair, Government publications display, list	15039	spatial perception and spatial concepts, problems	14910
Pay, allowances, etc.:		visual, James J. Gibson theory, analysis of selected papers	15002
Army and Air Force officers erroneously paid for uniform allowances, relief, report	13934	Perchloric acid, stainless steel fume hood for safety in use	14755
increase basic pay of uniformed services, report	14119	Pereyra, Walter T., scope ratio-depth relationships for beam, shrimp and other trawls	14268
per diem, equalize treatment of Reserves and Regulars in payment, report	13939	Perfluorocyclobutane, thermodynamic properties of real gas	14757
uniform allowances, combining service in more than one reserve component in computing, report	13942	Performance measurement in flight simulation studies	14790
Payne, Elmer J., relief	13857	Performance tests, <i>see</i> Airplanes.	
Payne, Richard R., relief	13857	Periodicals, agriculture bibliography, serial publications indexed in	14930
PCM, <i>see</i> Radio pulse code modulation.		Perlman, I. Richard, antisocial behavior of minor in United States	13783
Peace:			
food for peace, activities under Public Law 480	13923		
prescription for Laos and Vietnam	13667		
Peace Corps, foreign assistance appropriations, 1965, reports	13950, 13952		

Entry	Entry		
Perrella, Vera C., employment of high school graduates and dropouts in 1963-----	14709	Photoelasticity, coatings, determination of stresses and deformations in flexible plates and shells-----	14925
Persimmons, production, use, value, by States, 1962-63-----	15129	Photoelectric cells, gallium arsenide photovoltaic device, new method used to fabricate-----	14819
Person property, brought into U.S. under Govt. orders, exemption from duty, extend, law-----	13873	Photographic apparatus and supplies, see subjects.	
Personnel Research Laboratory, technical documentary reports----	13633-635	Photography, see Aerial photography—Color photography.	
Persons under supervision of Federal probation system, fiscal year 1963-----	13556	Photoionization, see Ionization.	
Perspiration, measurement of physiologic evaporative water loss-----	13727	Photometry, absolute, of night sky, zenith intensity of Haleakala, latitude N 20.7° and at Fritz Peak, latitude N 39.9°-----	14939
Perturbations:		Photovoltaic cells, see Photoelectric cells.	
planetary, modification of Hill's method-----	14897	PHS, see Public Health Service.	
secular, Helphen's method applicable to long range effects in motions of celestial bodies----	14902	Physical education and training, health-resort therapeutic physical culture, USSR studies-----	14462
Pesticides, laws and regulations, administration, hearing-----	13986	Physical measurements, and financial calculations and physical measurements, handbook, errata-----	13579
Pests, forest pest leaflets-----	14298-300	Physical sciences, see Science.	
Peterson, Donald C., evaluation of UH-1D equipped with XM-62 armament kit-----	13620	Physical therapy, health-resort physiotherapy, USSR studies-----	14462
Petkof, Benjamin, diatomite-----	14734	Physicists, career opportunities, building tomorrow's weather systems-----	15150
Petrography, see Rocks.		Physics:	
Petroleum:		East European scientific abstracts-----	14423, 14434, 14469, 14596
hydraulic fracture treatment in glade and Clarendon oil reservoirs, Warren County, Pa-----	14753	planetary-----	14779-781
oilfield waters, method of analyzing selenium and tellurium-----	14756	Physiology:	
oilfields, Cow Run sand and Burning Springs pool, Wirt County, W. Va., secondary oil recovery possibilities-----	14745	aerospace field, neon solubility determination in water and extracted human fat-----	13650
products, survey (series)-----	14741	clinical, circulation, outline-----	14912
recovery, increase by using nuclear explosions, feasibility study-----	14764	evaporative water loss, measurement-----	13727
see also Naval petroleum reserves.		Physiotherapy, see Physical therapy.	
Petroleum products, see Petroleum.		Picard, Adrien D., occupational wage survey, Charleston, W. Va-----	14699
Petroleum refineries, including cracking and reforming plants in U.S., Jan. 1, 1964-----	14742	Pleaza, Jorge A., relief-----	14034
Petrology, see Rocks.		Pickel, W. H., relief-----	13856
Pharmaceuticals, see Drugs.		Piezoelectricity, effect of nepheline-containing rocks, USSR study-----	14467
Pharmacists, employment outlook----	14692	Pig tin, see Tin.	
Phase rule and equilibrium, rock-forming oxides except water, melting points and phase-equilibrium relations-----	14343	Pigment particle size separation----	14787
Phase stability, high-frequency, using computer to determine-----	14813	Pilots and pilotage, see Aviators.	
Phenylketonuria, group guidance for parents of child patients-----	13780	Pine:	
Phifer, Bryan, working with low-income rural families for extension agents and specialists----	14237	lodgepole, regeneration slash disposal and cone opening, study-----	14319
Philippines:		longleaf-slash forest lands, forage and cattle management-----	13583
agricultural commodities, agreement-----	15116	ponderosa and sugar, grading saw logs in trees, improved system, guide-----	14306
Industrial Development Mission to promote machinery exports----	14391	ponderosa, transplants, root development-----	14326
Phillips, W. Pelham, parawings as auxiliary lifting devices for supersonic airplane configuration-----	14879	shortleaf, burning does not control young hardwoods in Cumberland Plateau-----	14308
Philosophy, philosophical problems in sociology and natural science, USSR study-----	14563	white, evaluating and scheduling weevil control in northeast----	14330
Phoenix, Ariz., occupational wage survey-----	14696	Pipe, Peter, introduction to dental public health, self-instruction course-----	15057
Phonorecords, Library of Congress catalog-----	14718	Pitch (motion):	
Phosphates:		controllable pitch propellers and ship design, USSR study-----	14488
mining leases, increase acreage limitation for single individuals or corporation, hearing-----	14145	space environment, variation due to fuel sloshing in rectangular tank-----	14869
petrographic study and classification of western phosphate ores-----	14750	PKU, see Phenylketonuria.	
		Placement, see Child placing.	
		Planetary physics-----	14779-781

INDEX

Entry	Entry
Planets:	
perturbations, modification of Hill's method -----	14897
probes, theory of tumbling bodies entering atmospheres -----	14905
Plants:	
green, energy metabolism, USSR study -----	14420
nursery products, production and sales, 1962 and 1963 -----	15130
quarantine import requirements, St. Kitts and Nevis -----	13573
Plants (Industrial):	
safety design considerations for layout of facilities placement of equipment, and production processes (remarks) -----	14682
under USDA inspection, processed fruits, vegetables, etc., list -----	13558
Plasma:	
excitation of electrostatic oscillations in magnetic field -----	13698
isotropic inhomogeneous slab, plane electromagnetic waves passing through at arbitrary angles of incidence, generalized treatment -----	14901
kinetics including radiation in external magnetic field, solution of equations -----	13699
non-equilibrium, spectral density of radiation scattered, calculation valid for all wave numbers -----	13697
time-dependent medium for nonlinear interaction of electromagnetic wave -----	13638
Plasma (blood), <i>see</i> Blood.	
Plastics:	
fibrous reinforcement for portland cement -----	14201
foamed, cryogenic waveguide window sealed with -----	14817
materials, trade of United States, Western Europe, Canada and Japan, 1961-62 -----	14392
mechanical properties, predetermining by empirical method -----	14823
reinforced, for flight vehicles, military handbook -----	14163
Plates, flexible, determination of stresses and deformations by photoelastic coatings application -----	14925
Pleistocene period, <i>see</i> Glacial period.	
Plumbage, <i>see</i> Graphite.	
Plums, production, use, value, by States, 1962-63 -----	15129
Po-I-Po distorts facts, USSR article -----	14518
Poland:	
higher education, admission rules, student activities, and curriculums -----	14187
provincial press, summaries -----	14428, 14542, 14606
Police:	
District of Columbia, residence restrictions, repeal, report -----	13976
retirement credit for service for members of Secret Service Division, report -----	13974
Texas, social security coverage, law -----	13898
Political economy, <i>see</i> Economics.	
Politics:	
Communist China, translations -----	14413, 14529, 14557, 14655
Eastern Europe, translations -----	14414, 14508, 14546, 14586
North Vietnam, translations -----	14492, 14536, 14558, 14578, 14587
Pollock, Eugene N., remarks, June 23, 1964 -----	14679
Pollution of air, <i>see</i> Air pollution.	
Pollution of streams, <i>see</i> Water pollution.	
Polyethylene, measurements of effective heats of ablation at convective heating rates from 25 to 420 Btu/ft ² sec, errata -----	14835
Polygraphs, use as lie detectors by Federal Government, hearings -----	14003
Polymers and polymerization:	
Japanese Association for Radiation Research on Polymers—	
report 1960 -----	13689
report 1961 -----	13690
Polytetrafluoroethylene, Teflon measurements of effective heats of ablation at convective heating rates from 25 to 420 Btu/ft ² sec, errata -----	14835
Pomegranates, production, use, value, by States, 1962-63 -----	15129
Ponderosa pine, <i>see</i> Pine.	
Poplar, hybrid, 2d year results of test plantings on bituminous strip mine spoils in Pennsylvania -----	14321
Population:	
census, 1960—	
final reports -----	13773-774
veterans, selected social and economic data for former members of Armed Forces -----	13774
current population reports—	
population characteristics, series -----	13762
population estimates, series -----	13763-764
special censuses series -----	13765-766
United States, estimates—	
Jan. 1, 1950-June 1, 1964 -----	13764
projections by age and sex, 1964-85 -----	13763
Port Isabel, Tex., dust control measures at Long Island, study, authorize, law -----	13876
Portland Area Conference on Industrial Modernization, proceedings, Mar. 26, 1964 -----	13743
Portland cement, <i>see</i> Cement.	
Ports, <i>see</i> names of ports, or places where located.	
Portsmouth, Va., naval hospital lands, police surveillance, report -----	14116
Post, E. J., radiation forces in inhomogeneous media -----	13641
Post Office and Civil Service Committee, House:	
hearings -----	14013-14
report -----	13938
Post Office and Civil Service Committee, Senate, report -----	14071
Post Office Department:	
agreement with American Federation of Labor and Congress of Industrial Organizations -----	15026
agreements with employee organizations, 1963 and 1964 -----	15026
appropriations, 1965, report -----	14048
equal employment opportunity program, summation (address) -----	15028
Postage stamps, United States, July 1, 1847-Dec. 31, 1963, description -----	15027
Postal service:	
curtailment, hearings -----	14013
economics (address) -----	15021
employees, salaries, adjust, report -----	14071
goals and achievements (address) -----	15020
<i>see also</i> Mail matter.	
Posters:	
fallout shelter signs, posting instructions, handbook -----	13793
inaugural address of John F. Kennedy -----	13920

Entry	Entry		
Postmasters, examination announcement-----	13797	President's Conference on Occupational Safety, news-----	14676-682
Potatoes, <i>see</i> Sweetpotatoes.		President's Panel on Mental Retardation, reports, task force on behavioral and social research--	15029
Potentiometers, rotating and static precision components symposium, proceedings-----	15009	President's reorganization plans, <i>see</i> Government reorganization plans.	
Poultry:		Press:	
feed production, current industrial report-----	13757	Albania, information report--	14429, 14453
plants operating under inspection and grading programs, list---	13557	Bulgarian provincial, summary--	14461, 14571
raising, scientific research, Rumania-----	14556	Czechoslovak provincial, summary-----	14448, 14601, 14649
retail sales of broilers and meat as affected by price, display area, and newspaper advertising---	14171	Hungarian provincial, summary--	14500, 14633
Poverty:		Indonesian survey-----	14499, 14658
economic opportunity act of 1964--		Polish provincial, summaries--	14428, 14542, 14606
hearings-----	14152	Rumanian provincial, summaries--	14496, 14568, 14642
report-----	14120	Pressure:	
eliminate poverty through education (remarks)-----	14665	distribution, delta-wing windward pressures, control-surface interaction effects-----	14867
facts (address)-----	14708	known constant, device induces lungs to maintain-----	14825
programs to combat--		maximum pressure volume relationships of human respiratory system-----	13648
hearings-----	14152	sonic boom, ground measurements for altitude range of 10,000 to 75,000 feet-----	14903
report-----	14120	Pressure regulation, high-pressure regulating system prevents pressure surges-----	14801
rural, volunteers-----	14664	Prevention of accidents, <i>see</i> Accidents.	
Power, Communist China, translations-----	14412, 14537, 14643	Price, Earl A., heat-transfer measurements on flat plate and attached fins-----	14873
Power plants, <i>see</i> Nuclear reactor power plants.		Price discrimination, <i>see</i> Prices.	
Power Use Conference, Portland, Oreg.:		Price lists, <i>see</i> Government publications.	
proceedings, Feb. 27-28, 1963, supplement-----	13739	Prices:	
proceedings, Feb. 19-20, 1964-----	13738	affect retail sales of broilers and meat-----	14171
Powers, Bruce G., demonstrating minimum flying speed of delta-wing airplane-----	14870	agricultural prices, annual summary-----	15128
Prabhakara, Cuddapah, non-photochemical processes effects on ozone in atmosphere-----	14844	price discrimination legislation, hearings-----	14149
Pravda (periodical):		purchasing power of dollar based on wholesale price index, annual averages, 1890-1963-----	14712
editorials, translations-----	14454, 14483, 14541, 14607, 14640	<i>see also</i> names of commodities.	
Precipitation:		Printed circuits:	
decennial census of U.S. climate--	15154-155	manufacture of high-reliability boards, application of nuclear techniques-----	13718
storage-gage, data for Western United States, July 1962-June 1963-----	15163	servicing techniques, guide-----	15001
<i>see also</i> Weather control.		Printing, industry, union wages and hours-----	14702
Precision casting, <i>see</i> Founding.		Private laws, <i>see</i> Law.	
Prediction (psychology):		PRI, <i>see</i> Personnel Research Laboratory.	
air traffic control specialists performance, comparison of experience with aptitude tests--	13733	Probabilities (mathematics):	
airman qualifying examination use to predict completion of basic training-----	13635	probability number theory, new method, USSR study-----	14440
carefulness test battery, validation against training school criteria-----	13633	random search method, progress toward goal, USSR study-----	14543
Premiums (insurance), <i>see</i> Life insurance.		Probation, Federal system, persons under supervision, 1963 report-----	13556
Prepackaging, <i>see</i> Packaging.		Probes, planets, theory of tumbling bodies entering atmospheres--	14905
Preservatives, <i>see</i> Wood preservatives.		Processing of food, <i>see</i> Food processing-- <i>also</i> names of food processed.	
President of United States:		Procurement, <i>see</i> Army--Military supplies--National Aeronautics and Space Administration.	
inability and succession to office, proposed amendments to Constitution, hearings-----	14148		
inaugural address of John F. Kennedy (poster)-----	13920		
papers--			
announcement and order form--	15037		
Truman, Harry S-----	14254		
President's Advisory Committee on Labor-Management Policy, appropriations, 1965, report-----	14048		
President's Committee on Employment of Handicapped, appropriations, increase authorization, law-----	13871		

INDEX

Entry	Entry
Production:	
automation relationship, current developments (paper)-----	14713
costs, methods of reducing, USSR articles-----	14437
defense production act, extend--	
hearing-----	14128
law-----	13892
report-----	14060
industrial productivity, data for measurement-----	14707
organization of material-technical supply and material balances, fundamentals, USSR study---	14645
questions of statistics of prime cost of industrial production, USSR study-----	14614
<i>see also</i> Gross national product-- <i>also</i> names of classes of commodities.	
Productivity, <i>see</i> Production.	
Products, <i>see</i> Commercial products.	
Professional papers, Geological Survey-----	14340-347
Professional workers, social and economic characteristics, census of population, 1960-----	13773
Program aid series-----	13595-596
Programmed instruction:	
prospects for its introduction, USSR study-----	14621
research, annotated bibliography--	14104
training methodology-----	13678
Progressive failure prediction-----	13642
Project Firefly, 1962-63-----	13630
Project fog drops, investigation of warm fog properties and fog modification concepts-----	14785
Projects aided under Cooperative Research and Demonstration Grants Program-----	15170
Promotions:	
Army and Air Force Reserve officers, to existing unit vacancies, authorize, report-----	13940
Navy and Marine Corps officers, improved opportunity, extend, report-----	14118
Propellants, noncryogenic, for electrothermal thrusters, errata-----	14848
Propellers, screw, controllable pitch, and ship design, USSR study---	14488
Property, <i>see</i> Enemy property--Personal property.	
Prophylaxis, prophylactic and protective measures in working with thorium, USSR study-----	14463
Prospects, tasks and cooperation; in medical industry, USSR-----	14511
Prostheses, lavsan, changes in human morphological arterioplasty, USSR study-----	14612
Protective coatings, <i>see</i> Coating materials.	
Protective shelters:	
fallout--	
medical care manual, errata-----	13792
signs, posting instructions, handbook-----	13793
fallout radiation, calculating protection-----	14938
Licensing and marking instructor's guide-----	13794
Proteins, serum, change, patients with chronic radiculitis during treatment with vibration baths, USSR study-----	14575
Protons, radiation damage to semiconductors-----	14775
Protozoa, common intestinal, of man-----	15045
Providence, R.I., real property acquisition practices and adequacy of compensation, hearings-----	14016
Prunes, production, use, value, by States, 1962-63-----	15129
Psychiatric clinics, <i>see</i> Clinics.	
Psychiatry, careers in Public Health Service-----	14947
Psychology, USSR studies-----	14636
<i>see also</i> Psychophysics.	
Psychopharmacology, Rumanian article-----	14417
Psychophysics, one-trial learning and quantum psychophysics, synthesis-----	15006
Public accommodations, <i>see</i> Civil rights.	
Public Advisory Committee on Venereal Disease Control, special committee report on venereal disease education-----	15070
Public assistance:	
cases, reasons for opening and closing-----	14217
demonstration projects-----	15165
Federal assistance for projects in aging-----	15160-167
PAI (series)-----	14216
source of funds expended for payments-----	14218
special types, money payments, Oct. 1963-----	14215
Public debt:	
increase in ceiling--	
hearing-----	14133
law-----	13877
report-----	14056
Public Documents Division, price list. Public health, <i>see</i> Health.	15036
Public health schools, graduate training program, extend authorization, report-----	13984
Public Health Service:	
act, amend, report-----	13980, 13984
appropriations, 1965--	
law-----	13904
report-----	13951
careers in psychiatry-----	14947
Commissioned officers, crediting military service in computing Reserve retired pay, hearing---	13995
grants and awards, 1962 funds, summary tables for extramural programs-----	14951
health information leaflets and pamphlets, list-----	15058
neurological and sensory disease service program-----	15060
project grants program, community health services for chronically ill and aged-----	15166
sanitation facilities for Indians, IHS authority under P.L. 86-121-----	15064
Public law 480, <i>see</i> Agricultural trade development and assistance act of 1954.	
Public laws, <i>see</i> Law.	
Public papers of Presidents of United States-----	14254
announcement and order form-----	15037
Public property:	
administration, Navy handbook, revised pages-----	15014
Federal, supply management report instructions, NGB pamphlet---	14944
Public Roads Bureau, publications, list-----	15072
Public welfare, <i>see</i> Social work and problems.	
Public works, appropriations, 1965, report-----	13929
Public Works Committee, House:	
hearings-----	14015-16
report-----	13954
Public Works Committee, Senate, reports-----	14087-93, 14103

	Entry
Publications, <i>see</i> Government publications— <i>also</i> names of departments, etc., issuing publications— <i>also</i> subjects.	
Puddycumb, Ralph H., human free-fall trajectories-----	13617
Pueblo, Colo., stratigraphy of Niobrara formation-----	14344
Puerto Rico:	
fair labor standards act, minimum wage rates-----	15148
standard metropolitan statistical areas, 1963, defined by Bureau of Budget, map-----	13775
Pullet, Gerard, relief-----	13859
Pulaski County, Ill., development program, suggestions for making more effective-----	13660
Pulpboard, tariff classification of certain particleboard, law-----	13883
Pulse code modulation, <i>see</i> Radio pulse code modulation.	
Pumps, cryopumping of hydrogen in vacuum chamber is aided by catalytic oxidation of hydrogen-----	14803
Purchasing, power of dollar based on wholesale price index, annual averages, 1890-1963-----	14712
Pymatuning Lake, Pennsylvania-Ohio compact, amend rel. to specifications and speed of motorboats, consent of Congress, report-----	14081
Pyroelectric detection techniques and materials-----	14770
Q	
Quacks and quackery, medical quackery affecting the elderly, hearings-----	14122
Quality assurance provisions for Government agencies-----	14794
Quality publication NPC 200 (series)-----	14794
Quantum mechanical study of molecules-----	14890
Quarantine, <i>see</i> subjects.	
Quarterly:	
NOTE.—For all publications which began with the word "Quarterly" <i>see</i> subject, or name of department, etc., issuing publication.	
Quick look at hours worked under fair labor standards act as amended, 1961-----	15149
R	
Raen, Helen P., indexes to Oak Ridge National Laboratory master analytical manual-----	13712
Race problems, integrating Maryland training schools-----	13782
<i>see also</i> Discrimination in employment.	
Racks, electronic assembly rack panels snap on and off-----	14828
Radar:	
ARTS, advanced radar traffic control system, Atlanta facility training manual-----	14221
continental defense system, agreement with Canada-----	15123
PAR precision approach facilities maintenance, FAA handbook-----	14226
Radiance of earth and its limb in middle ultraviolet-----	14885
Radiation:	
anti-ray effect of gallates under conditions of irradiation with 1000 roentgens, USSR study-----	14615
celestial background radiation-----	13626

	Entry
Radiation—Continued	
damage to semiconductors by high-energy electron and proton radiation-----	14775
effects—	
in semiconductors-----	14891
on RNA and RNA metabolism in cells of human malignant tumor, USSR study-----	14574
external magnetic field, kinetic equations for plasma, solution-----	13699
forces in inhomogeneous media-----	13641
hazards, control, State laws and regulations, summary-----	14675
hygiene, USSR studies-----	14455
Japanese Association for Radiation Research on Polymers—	
report 1960-----	13689
report 1961-----	13690
outgoing, spectral distribution-----	14917
pasteurization, shrimp-----	13706
shortwave, spectral distribution, investigation-----	14920
<i>see also</i> Cosmic rays—Gamma rays—Radioactivity—Radio-protective agents—Thermal radiation—Ultraviolet rays.	
Radiation illness:	
acute, hemopoietic tissue, state under conditions of bone marrow transplantation, USSR study-----	14592
peculiarities of the course of radiation sickness in mice subjected to treatment with marrow and by immunization, USSR study-----	14618
Radiation sickness, <i>see</i> Radiation illness.	
Radiators, fin-tube configurations, heat-rejection and weight characteristics-----	14898
Radiculitis, chronic, change in serum protein of patients during treatment with vibration baths, USSR study-----	14575
Radio astronomy, transmission of information by extraterrestrial civilizations, USSR study-----	14648
Radio engineering, USSR, translations from Izvestiya VUZov-----	14479
Radio in navigation:	
aids—	
Atlantic and Mediterranean area-----	14993
Pacific and Indian Oceans area-----	14994
Radio physics, <i>see</i> Radiophysics.	
Radio pulse code modulation, PCM error correction and synchronization code-----	14860
Radio-release technique for measurement of moisture in gases, final report-----	13705
Radio telephone, FDM telephony transmission over SSB-PM satellite communication system, non-linear noise analysis-----	14892
Radio waves:	
lunar radio emission, physical state and nature of moon's surface-----	14911
propagation, east-west ionospheric paths, sunrise effects-----	13629
Radioactive substances, protection of grain products from radioactive, chemical and bacterial substances discussed, USSR study-----	14591
Radioactivity:	
fallout, engineering method for calculating protection afforded by structures-----	14938
fallout shelters, signs, posting instructions, handbook-----	13793
radium in water, determination-----	14349
technique for measurement of moisture in gases-----	13705
<i>see also</i> Radiosensitivity.	

INDEX

	Entry		Entry
Radiochemical analysis, radiochemical analysis of water (series)-----	14349	Reactor fuel rods, fabrication with stainless-steel-lined zircaloy-2, design-----	13695
Radiological health, <i>see</i> Health.		Reactor fuels, graphite-matrix fuels development for AVR, final report-----	13693
Radiological Research Laboratory, Columbia University, annual report on research project-----	13700	Reactor (atomic): BONUS boiling nuclear superheater power station, final summary design report-----	13707
Radiological warfare, protecting food and water against chemical-biological-radiological attack, USSR study-----	14555	gas-cooled----- experimental, radiological health manual-----	13691
Radionuclides, radium in water, determination-----	14349	rotating machinery application, proceedings of meeting-----	13715
Radiophysics, translations from <i>Izvestiya VUZov</i> -----	14509	graphite-matrix fuels development for AVR, final report-----	13693
Radioprotective agents, mercamine, radioprotective action on radiosensitivity of rats, effectiveness, USSR study-----	14471	kinetics and control, symposium-----	13714
Radiosensitivity, stress of rats, effectiveness of radioprotective action of mercamine, USSR study-----	14471	VBWR stability test report-----	13694
Radium: cases, survival experience-----	13701	Real estate: acquisition practices and adequacy of compensation in Federal and federally assisted programs, hearings-----	14016
determination in water-----	14349	transferred by RFC to other departments, payments in lieu of taxes, extend period, law-----	13880
Railroad accidents: accident bulletin-----	14399	Real property, <i>see</i> Real estate.	
investigation report-----	14406	Recipes, breads (batters), cereals, and past products-----	13682
rail-highway grade crossing accidents, errata-----	14402	Reclamation Bureau: program, recreational opportunities-----	15076
summary and analysis, bulletin-----	14399	publications available for sale, list-----	15075
Railroad Adjustment Board, <i>see</i> National Railroad Adjustment Board.		special studies, delivery of water to Mexico-----	15077
Railroad employees, retirement and unemployment insurance act, RRB administrative rulings-----	15074	Reclamation of land, USSR, discussion of problems at February plenum of Central Committee, CPSU-----	14650
Railroad retirement acts, <i>see</i> Railroad employees.		<i>see also</i> names of projects.	
Railroad Retirement Board, rulings in administration of Railroad retirement act and Railroad unemployment insurance act, legal opinions-----	15074	Reclamation projects, <i>see</i> names of projects.	
Railroads: automatic data processing procedure of rail form A, 11-63 using IBM 7090, textual explanation-----	14403	Reconstruction Finance Corporation, real property transferred to other departments, payments in lieu of taxes, extend period, law-----	13880
railway operating rules, technical manual-----	13684	Recording instruments, cockpit voice recorders, installation, civil air regulations, amendments-----	14222
revenue contribution, distribution-----	14401	Records: genealogical records in National Archives, guide-----	14931
<i>see also</i> Railroad employees.		government departments, etc., disposition, report-----	13931
Rain: calendarieties, search-----	13628	tools for safety action, using to reduce accidents (remarks)-----	14679
gages, trough-type, evaluation-----	14322	<i>see also</i> Paperwork (office practice)— <i>also</i> subjects.	
interception by hardwood forest litter in southern Appalachians-----	14332	Recreation: outdoor----- general policy guidelines-----	15031
Rain making, <i>see</i> Weather control.		water pollution and public health aspects, policy-----	15032
Rainfall, <i>see</i> Rain.		reclamation's program for recreational opportunities-----	15076
Random processes, <i>see</i> Probabilities (mathematics).		Recreation Advisory Council, circulars-----	15030-33
Range lands, allotment analysis and management planning, story of survey on national forests and grasslands-----	13596	Recreational areas and demonstration projects: national areas, selection, etc., policy governing-----	15030
Rantz, S. E., stream hydrology related to optimum discharge for king salmon spawning in northern California Coast Ranges-----	14357	Welfare Administration, demonstration projects in public assistance-----	15165
Rates, <i>see</i> Electricity.		Red Dane cattle, <i>see</i> Cattle.	
Ratings, peer, stability in changing groups-----	13686	Red flag (Chinese periodical): translations-----	14436, 14481
Rats: microsome oxidase and reductase activity in livers of young rats, influence of X-irradiation on development-----	13651	Redevelopment (city planning, etc.): Alexander and Pulaski Counties, Ill., suggestions for more effective development program-----	13660
radiosensitivity, effectiveness of radioprotective action of mercamine, USSR study-----	14471		
Ray, H. D., measuring wool by staple length recorder-----	13590		

Entry	Entry
Redevelopment (city planning, etc.)—Continued	Renovizing—Continued
ARA economic and social research program	Industrial—Continued
area redevelopment	Portland Area Conference proceedings, Mar. 26, 1964
bookshelf of community aids	Southwestern Conference proceedings, Jan. 17, 1964
industries, big city, characteristics	Washington State Conference proceedings, Mar. 31, 1964
Muskogee, Okla., opportunities for economic improvement	Reorganization of Government activities, see Government reorganization plans.
Reynolds and Wayne Counties, Mo., opportunities for economic growth	Repair stations, see Aircraft repair stations.
impact of Federal programs on local government organization and planning	Repatriates, U.S. citizens from foreign countries, temporary assistance, extend, law
overall economic development program, guidebook for redevelopment area organizations	Report, see names of departments, etc., issuing reports—also subjects.
Russell County, Va., suggested development opportunities	Republic of China, see China.
urban renewal, project characteristics, 1963	Republic of Congo (Leopoldville), see Congo (Leopoldville).
Reed, Louis S., independent health insurance plans, 1963	Republic of Dahomey, see Dahomey.
Reed, Sarah R., library research in progress	Republic of Ivory Coast, see Ivory Coast.
Reemployment of veterans, see Veterans.	Republic of Korea, see Korea.
Reentry into atmosphere, see Atmospheric entry.	Republic of Philippines, see Philippines.
Reflection and transmission coefficients at interface ice-solid	Research:
Reflectors, spherical, monopole phased array feed	ARA economic redevelopment program
Reformatories, Maryland training schools, integrating	Education Office cooperative projects, 7 year summary, July 1, 1956-June 30, 1963
Refractory materials, high-temperature tensile testing in vacuum, apparatus facilitates	research and your job (address)
Refuges, see Wildlife refuges—also names of refuges.	research profiles
Refuse, International Research Group on Refuse Disposal, information bulletins	see also Scientific research—also names of departments, etc., doing research—also subjects.
Regeneration (biology):	Research and Development Laboratories, Engineers, see Army Engineer Research and Development Laboratories.
lodgepole pine, slash disposal and cone opening, study	Research and development reports, Atomic Energy Commission
Registers, Army National Guard, 1964	Research and statistics notes
Registry of national historic landmarks	Research laboratories, see names of laboratories or places where located.
Regulations, see Code of Federal regulations—also names of departments, etc., issuing regulations—also subjects.	Research notes, Forest Service
Rehabilitation of the disabled, vocational restoration, teamwork approach (remarks)	Research papers:
Reigner, Irvin C., evaluation of trough-type rain gages	Forest Service
Reinhart, Kenneth G., stream-gaging stations for research on small watersheds	physical sciences research papers
Reins, D. A., acute and chronic effects of insecticide endrin on renal function and renal hemodynamics	Research report, Fish and Wildlife Service
Reliability (mechanical):	Reserve components of Armed Forces: enlisted members, cancellation of indebtedness, report
progressive failure prediction	facilities, construction authorization, 1965, report
Religions, USSR, survival, causes and means for elimination	see also Pay allowances, etc.
Renal diseases, see Kidneys.	Reservoirs, United States, sediment deposition surveys made through 1960, summary
Renegotiation act of 1951, see Government contracts.	Residence (law), see Domicile.
Renegotiation Board:	Residence for Capitol and Supreme Court pages, report
practice and procedure, extend—law	Resins:
report	anion exchange, scintillating, final report
Renovizing:	epoxy bond, stringent cleaning technique recommended
Industrial—	Resistance, see Electric resistance.
Long Island Conference, proceedings, Apr. 16, 1964	Resolutions, see House bills—Law—Senate bills.
	Resonance, electron spin, pentavalent chromium complexes investigation, USSR study
	Respiratory organs, upper, classification of tumors, USSR studies
	Respiratory system, human, maximum pressure-volume relationships

INDEX

	Entry		Entry
Responses (psychology):		Roads and highways—Continued	
human vestibular responses, task,		national forest roads and trails,	
control of arousal and effects		construct and maintain, re-	
of repeated unidirectional an-		port	14103
gular acceleration	13731	national program of scenic roads	
and parkways		and parkways	15033
Retail prices, <i>see</i> Prices.		State highways bordering Fort	
Retail trade:		Leavenworth Military Reserva-	
current retail trade reports	13767	tion and U.S. Penitentiary at	
merchandising and promotion, bib-		Leavenworth, retrocede juris-	
liography	15080	diction to Kansas, report	14110
retail sales, 1963	13767	<i>see also</i> names of roads or high-	
Retaining walls, engineering and de-		ways.	
sign, change	14205	Robinson-Patman act, <i>see</i> Prices.	
Retired pay, <i>see</i> Pensions.		Rochester, N.Y., aircraft accident---	13790
Retirement, Secret Service Division		Rocket boosters, <i>see</i> Rockets.	
members, credit for former po-		Rockets:	
lice service, report	13974	Aerobee 150A sounding, flight vi-	
<i>see also</i> Railroad employees.		bration data	14858
Reynolds County, Mo., redevelopment		boosters—	
area, opportunities for eco-		manned guidance and control---	14789
nomic growth	13657	thrust, acoustic efficiency	
Rheumatic fever, selected references---	15043	trends	14841
Rhode Island, weather stations, de-		time optimal control with ampli-	
cadal census	15161	tude and rate limited controls---	14771
Ribbons for typewriters, etc., fabric,		exhaust gases—	
cotton and nylon, Federal		comparisons of experimental free-	
standard	14260	jet boundaries with theoretical	
Ribonucleic acid, metabolism in cells		results obtained with	
of human malignant tumor, radia-		method of characteristics	14865
tion effect, USSR study	14574	highly underexpanded free jets	
Rice, U.S. exports under Government		impinging upon parallel flat	
programs, 1962-64	14290	surface	14864
Richland, Wash., Hanford project,		national altitude test facilities---	14833
disposal of property on, re-		Saturn V launch vehicle, proposed	
ports	13957, 14078	versions, aerodynamic charac-	
Richter, D. H., 1961 eruption of Kila-		teristics	14883
uea Volcano, Hawaii	14345	spectrophotometer airglow mea-	
Richter, Harold G., radio-release tech-		surements in far ultraviolet---	14889
nique for measurement of mois-		Trallblazer IIb, spectrographic data	
ture in gases, final report	13705	from reentries	14880
Riecker, R. E., application of induc-		scribing	14847
tion heating to rock deforma-		vibratory environments, localized,	
tion apparatus	13631	statistical techniques for de-	
Rights of persons, <i>see</i> Civil rights.		scribing	14847
Riley Whittle, Inc., accident	14405	YLROO-RM-1 engine operating	
Ringel, Seymour, information assimila-		experience in X-15 aircraft---	14899
tion from alpha-numeric dis-		Rocks:	
plays	13685	deformation apparatus, application	
Rio Grande and Valley:		of induction heating	13631
canalization project, maintenance		mean density values, determination	
costs		by use of penetrating cosmic	
hearings	14000	radiation, USSR study	14445
report	13965	nepheline-containing, piezoelectric	
lower, ground water resources of		effect, USSR study	14467
area	14348	petrographic study and classifica-	
Rirap, stability, overflow embank-		tion of western phosphate	
ments, Arkansas River	14212	ores	14750
Rivers:		petrology of limestones of Gunn-	
fluvial sediment discharge in		phase-equilibrium relations of rock-	
streams, determination of loads		forming oxides	14343
by measurement and analysis---	14363	Rockwell, Julius, jr., electromechani-	
hydrology related to optimum dis-		cal fishing and counting fence	
charge for king salmon spawn-		used in Ireland	14267
ing in northern California		Rodenticides, notices of judgment---	13572
Coast Ranges	14357	Rodriguez, Reynaldo, market for U.S.	
sediment loads in streams, meas-		products, Venezuela	14370
urement and analysis	14363	Roentgenology, anti-ray effect of gal-	
RNA, <i>see</i> Ribonucleic acid.		lates under conditions of irradia-	
Roach, F. E., absolute photometry of		tion with 1000 roentgens,	
light of night sky, zenith intensi-		USSR study	14615
ty of Haleakala and Fritz		Roethlisberger, Hans, reflection and	
Peak	14939	transmission coefficients at in-	
Road-check results, first half, 1962-		terface ice-solid	14202
63	14407	Roosevelt, Franklin D., jr.:	
Roads and highways:		remarks—	
challenges of highway transporta-		June 9, 1964	13828-829
tion (remarks)	13826	June 12, 1964	13830
Federal-aid highway act of 1964,		June 18, 1964	13827
report	14093	Roosevelt Campobello International	
Federal-aid system, State permitted		Park, establish, law	13911
to increase mileage, report	14090	Roosevelt Campobello International	
highway construction program,		Park Commission, establish,	
criminal penalties in connec-		law	13911
tion with false statements,			
hearings	14010		

AUGUST 1964

	Entry		Entry
Roots, development, ponderosa pine transplants at Lincoln, Nebr.	14328	Safety of life—Continued	
Rosen, M. Seymour, higher education in Poland, rules of admissions, etc	14187	Industrial safety design considerations for layout of facilities, placement of equipment, and production processes (remarks)	14682
Rosenberg, N. W., Project Firefly, 1962-63	13630	Kaiser Steel Corporation, Fontana, Calif., accident records program (remarks)	14680
Rosenberg, S. D., catalytic reduction of carbon monoxide with hydrogen	14773	occupational safety legislation, States, summary	14674
Ross, John E., effects of gin drying and cleaning of cotton	13589	records as tools for safety action (remarks)	14679
Rossmann, Audrey, relief	13861	safety digest, AMC pamphlet	13069
Rotating machinery for gas-cooled reactor application, proceedings of meeting	13715	tornado safety rules	15164
Rothberg, Herman J., labor and material requirements for private one-family house construction	14703	Sagamore Hill National Historic Site, general information	14977
Rough, Robert L., hydraulic fracture treatments in Glade and Clarcedon oil reservoirs	14753	Sahni, Roop C., electronic state of diatomic molecules	14890
Rubeola, <i>see</i> Measles.		St. Kitts, plant import requirements	13573
Ruby, J. D., elastomers for potential use at cryogenic temperatures	15017	St. Louis River, dam, construction, law	13872
Rugs, braided, industry, trade practice rules	14261	St. Paul, Minn., lands conveyed to, release reservations, report	14112
Rules, <i>see</i> names of courts, commissions, etc., issuing rules— <i>also</i> subjects.		Salaries:	
Rules and Administration Committee, Senate:		employee earnings in miscellaneous retail stores, June 1962 retail stores and proprietary stores	14693
hearings	14156	Government officials and employees, adjust rates of basic compensation, report	14071
jurisdiction to investigate violation of rules of Senate, report	14082	land-grant colleges and State universities, 1963-64	14195
reports	14075, 14082, 14104	<i>see also</i> Wages.	
Rules Committee, House:		Sales, <i>see</i> names of commodities, etc.	
hearing	14017	Saline River:	
reports	13929, 13952, 13959-960, 13971, 13978	and tributaries, flood control, engineer report	
Rumania:		departmental edition	14209
provincial press, summaries	14496, 14563, 14642	document edition	13924
school of mathematics	14477	Salmon, King, stream hydrology related to optimum discharge for spawning in northern California Coast Ranges	14357
scientific research in animal husbandry and poultry raising	14556	Salt Lake City, Utah:	
Rural communities:		accident	14405
housing for elderly, insured loan program, extend—		convey land to Board of Education, reports	13944, 14115
law	13889	Salt water, <i>see</i> Sea water.	
report	14058	SAM, <i>see</i> School of Aerospace Medicine.	
Rural electrification, <i>see</i> Electricity.		Samson, J. A. R., planetary physics photolionization cross sections of rare gases	14781
Russell, Harold, remarks, July 13, 1964	14684	Samuel Gompers (U.S.S.) keel-laying (address)	14661
Russell County, Va., development opportunities, suggestions for improvement	13659	Sanders, Debra L., relief	14032
Russia, <i>see</i> Union of Soviet Socialist Republics.		Sanford, F. Bruce, index of publications by Branch of Technology, Bureau of Commercial Fisheries, 1955-99	14277
Ryukyu Islands, foreign assistance appropriations, 1965, reports	13950, 13952	San Francisco, Calif., housing problems of the elderly, hearings	14123
S		Sanitation:	
S.A.M., <i>see</i> School of Aerospace Medicine.		atmospheric air protection in USA, Soviet report	15062
S.R.D.S., <i>see</i> Systems Research and Development Service, FAA.		facilities for Indians, PHS authority under P.L. 86-121	15064
Sadoff, Melvin, high sustained acceleration effects on pilots' performance and dynamic response	14843	Sarpy County, Nebr., claim, report	14099
Safety equipment and appliances, <i>see</i> names of special equipment or appliances.		Satellites:	
Safety of life:		communications—	
air safety, human factors aspect of lightplane safety	13737	act of 1962, activities, review, hearings	14002
community's interest in health and safety of health workers (remarks)	14672	bibliography	14799
		high altitude water vapor determination	14783
		instrumentation, use of solid circuits	14836
		ionospheric research, agreement with Canada	15112
		medium-data-rate digital telemetry system	14859
		orbits, long-range effects caused by moon and sun	14902

INDEX

Entry	Entry	Entry	Entry
Satellites—Continued		Science—Continued	
SSB-PM communication system, non-linear noise analysis in FDM telephony transmission	14892	East European abstracts	14421-423, 14426, 14431, 14434-435, 14469-470, 14524, 14564, 14596, 14600
Vanguard III, whistlers observed, data report	14857	economic and social implications, current projects, 1963	14987
Vostok and Vostok-2, first manned group flight into outer space, Aug. 11-12, 1962, USSR study	14613	exchange program, agreement with USSR	15118
Saturn (rocket), see Rockets.		Federal funds for research, development and other scientific activities, 1962-64	14988
Savings and loan associations, management and system, decisions for today and tomorrow (remarks)	14239	health-resort, USSR studies	14462
Sawdust, uses for sawdust and shavings	14315	philosophical problems in natural science, USSR study	14563
Sawflies, see Flies.		physical sciences research papers	13636-645
Sawlogs, see Logs.		scientific and technical exchange programs, planning and development, key contacts, inter-agency directory	15098
Sawmills, circular, aspects of sawing accuracy	14310	USSR, abstracts	14424, 14577
Sawyer, William A., remarks, June 23, 1964	14672	Scientific Council on Problems of Cytology, USSR, proceedings of 1st session	14538
SC-1473 (vessel): permit to engage in fisheries	13927	Scientific research, funds for research and development, Federal, 1962-64	14988
Scale (logging): national forest log scaling handbook	14302	Scientists: employment in State government agencies, 1962	14705
Scallops, Gulf of Alaska, explorations	14272	USSR, biographies	14418
Scattering, radiation scattered by non-equilibrium plasma, calculation of spectral density valid for all wavenumbers	13697	Scintillation, anion exchange resin, final report	13702
Schaefer, Charles H., studies on life history of Virginia pine sawfly	14333	Scope ratio-depth relationships for beam trawl, shrimp trawl, and other trawl	14268
Schenectady, N.Y., occupational wage survey	14695	Scott, Glenn R., stratigraphy of Niobrara formation at Pueblo, Colo.	14344
Schild, Sylvia, parents of children with phenylketonuria	13780	Scotti, Marie, remarks, June 24, 1964	14681
Schilling, Guy A. W., how U.S. cotton is sold for export	14289	Scotts Bluff National Monument, general information	14978
Schimke, Harry, tests of wind machine as aid to burning slash	14324	Scrap, metals, temporary suspension of duties, continue, law	13874
Schlanger, Seymour O., petrology of limestones of Guam	14340	Sculpture and statuary, presentation of statue of Abraham Lincoln to Mexico	13964
Schmaedeke, W. S., rocket booster control, time optimal control with amplitude and rate limited controls	14771	Sea water: ice, structural control of vertical variation of strength	14203
Schmidt, E. D., cushioning materials for harvesting and handling fruits and vegetables	13567	systems for experimental aquariums, collection of papers	14282
Scholarships, higher education students, provide, hearings	14151	Seafaring wage rates, Atlantic, Gulf and Pacific districts	14726
School of Aerospace Medicine: aeromedical reviews	13646	Sealing, metal fill tubes, tool facilities	14810
technical documentary reports	13647-651	Seals (animals): northwest Atlantic fisheries convention, protocol, report	14029
Schools: enrollment, population characteristics, census	13762	Seaver, Robert E., cryogenic solutions and solubilities in liquid fluorine	14850
teaching about United Nations in United States, 1960-1963, report	14199	Secondary education, Clearinghouse Exchange of publications of State departments of education	14179
see also Elementary education—High schools.		Secondary oil recovery possibilities, Cow Run sand, Burning Springs pool, Wirt County, W. Va.	14745
Schramm, Wilbur, research on programmed instruction, annotated bibliography	14194	Secret Service, members, retirement credit for former police service, report	13974
Schroeder, H. J., cadmium, minerals yearbook chapter	14732	Securities: act of 1933, amend, report	13978
Schuerch, H. U., deployable centrifugally stabilized structures for atmospheric entry from space	14782	foreign, interest equalization tax act, hearings	14134
Science: college and university, physical facilities planning aids	14196	markets, investor protection, report	13978
Communist China—abstracts	14447, 14566, 14196	Securities and Exchange Commission: member, nomination of Hamer H. Budge, hearing	14130
translations	14411, 14532	securities markets, investor protection, report	13978
14604, 14608, 14624, 14644			
earth sciences, East European abstracts	14421		

Entry	Entry		
Securities exchanges, act of 1934, amend, report-----	13978	Service industries, East European, translations --- 14416, 14433, 14539, 14551, 14583, 14590.-----	14647
Security, <i>see</i> National security.		Servicing techniques for transistorized and printed circuits-----	15001
Sedimentation and deposition: clayey sediments, removal of water and rearrangement of particles during compaction-----	14348	Servomotor, rotating and static precision components symposium, proceedings-----	15009
fluvial sediment discharge in streams, determination of loads by measurement and analysis-----	14363	Severliens, Jacobus T., market factors in Netherlands-----	14388
measurement and analysis of sediment loads in streams-----	14363	Sewage: sanitation facilities for Indians, PHS authority under P.L. 86-121-----	15064
reservoir sediment surveys made in U.S. through 1960, summary-----	13593	treatment contract awards by location, 1963-----	15065
<i>See</i> the United States, 1964 and 1965, designate period to, report-----	14084	Shannon, Ira L., in vitro effectiveness of topical applications of low concentration stannous fluoride solutions-----	13647
Seeding, <i>see</i> Forest planting.		Shapiro, Ivan R., whistlers observed by Vanguard III-----	14857
Seidl, Wolfgang, relief-----	14044	Shells (aircraft): finite element solution for thin shells of revolution-----	14768
Seismic measurements, gravity and seismic studies in Crooks Gap area-----	14337	Shells (structural): cylindrical, liquid-filled, equations of axially symmetric vibrations-----	14924
Seismographs, record vibrations produced by blasting, instrumentation design requirements-----	14763	flexible, determination of stresses and deformations by photoelastic coatings application-----	14925
Seismometers, <i>see</i> Seismographs.		liquid-filled, equations of transverse vibrations-----	14923
Selenium, oilfield waters, analyzing method-----	14756	Shellfish: Georgia landings, annual summary, 1963-----	14263
Semiconductors: devices, market in West Germany and Italy-----	13740	Massachusetts landings by ports, annual summary, 1963-----	14264
radiation damage to semiconductors by high-energy electron and proton radiation-----	14775	Shelters (protective), <i>see</i> Protective shelters.	
radiation effects in semiconductors-----	14891	Shepherdson, Phillip N., relief-----	13850
Senate: delegation to 4th Mexico-United States Interparliamentary Group meeting, report-----	14137	Sheppard, David, relief-----	13880
financial interests of Senators, officers of Senate, etc., disclosure, report-----	14075	Sheppard, Harold L., Studebaker South Bend, Ind., plant closing report-----	13656
journal of executive proceedings, 88th Cong., 1st sess., index-----	14022	Sherrod, John, popular books on nuclear science-----	13725
officers and employees—financial or business interests, investigation-----	14156	Shielding: high energy electron accelerator installations-----	14932
hearings-----	14104	radioisotope, design manual-----	13703
report-----	14075	Shipbuilding, construction differential subsidies, extend, report-----	14051
prohibit certain activities, etc., report-----	14075	Shipping: code of Federal regulations, supplement-----	14255
standing rules, amend, reports-----	14075, 14082, 14023	loading insert containers and cargo transporters-----	13681
Senate bills-----	14023	nuclear power and merchant shipping-----	13724
Senate documents-----	14024-26	<i>see also</i> Transportation—Water carriers.	
Senate executive documents-----	14027-28	Ships: design and controllable pitch propellers, USSR study-----	14488
Senate executive reports-----	14029-30	merchant fleets of world, seagoing steam and motor, 1000 gross tons and over-----	14725
Senate reports: private bills-----	14031-47	passenger vessels, rules and regulations-----	13816
public bills-----	14048-120	<i>see also</i> Fishing vessels—Shipbuilding— <i>also</i> names of ships.	
Senegal, foreign trade regulations-----	14383	Shock mounts, frictional wedge, inexpensive and has good damping characteristics-----	14802
Senior citizens, <i>see</i> Aged.		Shock waves: hypersonic shock heated flow parameters, as function of flight velocity and altitude-----	14900
Senior Citizens Month, guide-----	15169	spontaneous chain ignition of hydrogen with oxygen, USSR study-----	14444
Sense organs, neurological and sensory disease service program, PHS-----	15060	Shoop, Lucille T., selected references on rheumatic fever, etc.-----	15043
Sensory diseases, <i>see</i> Sense organs.			
Septic tanks, percolation systems, failure, causes and prevention-----	14240		
Sequoia National Park, general information-----	14979		
Serial set (congressional)-----	13839		
Serials: agriculture bibliography, serial publications indexed in-----	14930		
new serial titles, 3d edition, 1963 cumulation-----	14719		
Serum and serumtherapy: blood serum protein, change, patients with chronic radiculitis during treatment with vibration baths, USSR study-----	14575		
toxic properties of sera after repeated thermal trauma, USSR study-----	14468		

INDEX

	Entry		Entry
Shopping, publications, list-----	15038	Smith, Robert D., electrical resistivity of cerium metal from 4° to 300°K-----	14761
Shore, Diedre R., relief-----	13855	Smith, W. L., jr., reduction of post-harvest decay of peaches and nectarines with heat treatments-----	13586
Shrimps:		Smithsonian Institution: appropriations, 1965-----	13904
radiation pasteurization-----	13706	law-----	13951
utilization of otter-trawl vessels in Gulf of Mexico, 1959-61-----	14271	report-----	14957
Shrine, Mystic, <i>see</i> Ancient Arabic Order of Nobles of Mystic Shrine.		Smoking and the heart-----	
Sick, community health services for chronically ill, PHS project grants program-----	15166	Snow:	
Siegel, Jacob S., projections of population of United States by age and sex, 1964-85, with extensions to 2010-----	13763	Federal-State-private cooperative survey, Wyoming-----	15090
Sight, color vision, USSR studies-----	14525	Federal-State-private cooperative snow surveys, and soil moisture measurements for Western United States, including Columbia River drainage in Canada, 1962-63 season-----	15089
Sight reduction tables for air navigation-----	14995	Snyder, Richard G., biomedical research studies in acceleration, impact, etc., comprehensive bibliography-----	13732
Signal generators:		Social insurance, programs throughout the world, 1964-----	15088
AN/USM-44 and AN/USM-44A-----		Social sciences:	
illustrated parts breakdown-----	15013	economic and social implications, current projects, 1963-----	14987
operating instructions, handbook-----	15010	mentally retarded, report of President's Panel-----	15029
overhaul instructions-----	15011	Social security:	
service instructions-----	15012	act, amend, law-----	13898
Silicon nitride, fibrous, synthesis and properties-----	14749	amendments of 1964, report-----	13979
Silicosis, in metal mining industry, 1958-61, reevaluation-----	15066	disability insurance program, facts and figures-----	15083
Silk, woven goods finished, current industrial reports-----	13753	financing your social security benefits-----	15084
Sims, Joseph L., tables for supersonic flow around right circular cones at small angle of attack-----	14796	programs throughout the world, 1964-----	15088
Simulators, internal environmental, for man-machine system-----	15004	research and statistics notes-----	15086-87
<i>see also</i> Flight simulators.		what you can expect-----	15085
Sinha, Naresh K., nonlinear adaptive control, systems with storage-----	14777	Social Security Administration, supervisory training course, interviewing and counseling-----	15082
Sires, <i>see</i> Bulls.		Social work and problems:	
600-A band of helium-----	13644	ARA research program-----	13664
Size cues and adjacency principle-----	13730	welfare, etc., projects aided under Cooperative Research and Demonstration Grants Program-----	15170
Skilled trades, <i>see</i> Occupations.		Sociology:	
Skin, cancer-----	15050	Communist China, translations-----	14413, 14529, 14557, 14655
Slag, copper reverberatory, smelting to recover iron of low copper and sulfur content-----	14762	development research digest-----	14396
Slash, <i>see</i> Forests and forestry.		Eastern Europe, translations-----	14490, 14598
Slash pine, <i>see</i> Pine.		North Vietnam, translations-----	14527, 14558, 14492, 14536, 14578, 14587
Slip laws, <i>see</i> Law.		philosophical problems, USSR study-----	14563
Small business, <i>see</i> Business.		Soil moisture, <i>see</i> Soils.	
Small Business Administration, small business investment program, hearings-----	14018	Solvents, <i>see</i> Extraction (chemistry).	
Small Business, Select Committee On, House, hearings-----	14018	Soils:	
Small Business, Select Committee on, Senate, annual report-----	14109	determination of cerium-144-----	13696
Small town organizes basic services for its aging-----	15171	moisture, measurements for Western United States, including Columbia River drainage in Canada, 1962-63 season-----	15089
Smelting, copper reverberatory slags to recover iron of low copper and sulfur content-----	14762	soil survey report-----	
Smith, Arthur J., Jr., Halpen's method for secular perturbations in motions of celestial bodies-----	14902	Caroline County, Md-----	15091
Smith, Edgar D., evaluation of UH-1D 48-foot rotor with Kellet 60-gallon external fuel tanks-----	13622	Cochran County, Tex-----	15092
Smith, G. D., designing toroidal inductors with dc bias-----	14861	Jackson County, Miss-----	15093
Smith, G. L., cost of cotton insect control with insecticides at Tallulah, La-----	13565	traffability, forecasting, freezing and thawing-----	14211
Smith, Grace, and others, relief-----	13840	vibratory compaction tests, hydraulic backfills-----	14759
Smith, Jackie B., relief-----	13864	Solar batteries, gallium arsenide photovoltaic device, new method used to fabricate-----	14819
Smith, Michael B., basic data on economy of Chad-----	14377	Solenoids, thick, finite-length, helical, azimuthal magnetic field-----	14895
Smith, Noble F., and wife, relief-----	13853		
Smith, Patsy B., ecology of benthonic species-----	14342		

AUGUST 1964

Entry	Entry		
Soliday, S. M., simulator investigation of pilot performance during extended periods of low-altitude, high-speed flight.....	14776	Sparrow, Gene W., proportional-type lateral control system capability of providing aerodynamic heading-angle trajectory control during reentry.....	14876
Solids, reflection and transmission coefficients at interface ice-solid.....	14202	Spatial perception, <i>see</i> Space perception.	
Sonic boom, pressures, ground measurements for altitude range of 10,000 to 75,000 feet.....	14903	Specialists, working with low-income rural families.....	14237
Sorghum, composition of commercial grades of grain sorghums.....	13570	Specific gravity, Arizona Gambel oak.....	14325
Sound:		Specifications, <i>see</i> Government supplies.	
identification, computer-aided learning, experiments.....	15003	Spectra:	
thrust boosters, acoustic efficiency trends.....	14841	absorption of atmospheric thermal radiation in 9.6u ozone band region.....	14915
South Bend, Ind.:		computed, and line parameters for water vapor bands at 2.7u.....	14937
occupational wage survey.....	14094	density of radiation scattered by non-equilibrium plasma, calculation valid for all wave numbers.....	13697
Studebaker plant closing, report.....	13656	distribution of outgoing radiation.....	14617
South Dakota, western, forest area and timber volume.....	14320	far ultraviolet rocket spectrophotometer airglow measurements.....	14889
Southeastern Forest Experiment Station, research, 1963.....	14305	Infrared:	
Southern Forest Experiment Station, report, 1963.....	14303	absorption spectrum of water in its liquid state.....	14918
Southern Rhodesia, tobacco production and marketing.....	14291	analysis of gases produced during molten salt electrolysis of metals.....	14758
Southwest (U.S.):		spectral distribution of shortwave radiation, investigation.....	14920
water plan, hearings.....	14142	ultraviolet, upper atmosphere spectroscopy.....	14769
Southwestern Conference on Industrial Modernization, proceedings, Jan. 17, 1964.....	13744	Spectrochemical analysis, <i>see</i> Spectroscopy.	
Soviet bloc, conferences.....	14595	Spectrography, reentries of Trailblazer Iib, data.....	14880
Soviet Union, <i>see</i> Union of Soviet Socialist Republics.		Spectrometers:	
SP series, <i>see</i> MA SP series—NASA SP series.		helium mass, leak detector, use.....	14834
Space, <i>see</i> Outer space.		infrared interference, evaluation, test, and calibration.....	14774
Space biology, USSR problems.....	14628	mass—	
Space flight, <i>see</i> Astronautics.		Oregon State University, duty-free entry report.....	14049
Space perception, spatial perception and concepts, problems.....	14910	time-of-flight, charge transfer studies, and kinetic analysis.....	13645
Space Research Committee, Goddard Space Flight Center contributions to meeting, June 1963.....	14854	time-of-flight ion dissociation in drift tube.....	13637
Spacecraft:		Wayne State University, duty-free entry, report.....	14049
atmospheric entry, deployable centrifugally stabilized structures.....	14782	Spectrophotometers, rocket, airglow measurements in far ultraviolet.....	14880
booster, manned guidance and control.....	14789	Spectroscopy:	
environmental test data, integrated system for collecting and analyzing.....	14863	method of integral determination of water vapor content in column of atmosphere.....	14919
heat-rejection and weight characteristics of radiator fin-tube configurations.....	14898	ultraviolet, of upper atmosphere.....	14769
lunar landings from synchronous orbit, thrust-vector orientation technique during manual control.....	14853	white cast iron spectrochemical NBS standards preparation.....	14935
lunar landings, simple abort scheme.....	14871	Speech, disorders, summary of progress.....	14952
nonlifting, delta-wing recovery device, low-subsonic aerodynamic characteristics.....	14881	Speed, <i>see</i> Air speed.	
performance measurement in flight simulation studies.....	14790	Spheres, aspheric surfaces, lathe converted for grinding.....	14814
pitch motion, variation due to fuel sloshing in rectangular tank.....	14869	Spin (atomic):	
soft lunar landing, touchdown dynamics, errata.....	14842	resonance, pentavalent chromium complexes, investigation, USSR study.....	14622
unmanned, of United States.....	14793	Spinning, cotton, properties, effects of certain harvesting and ginning practices, Yazoo-Mississippi Delta, 1959-60.....	13587
USAF aerospace vehicles, information handbook.....	13625	Spodumene, mill tailing, continuous flotation of beryl, from spodumene mill tailing.....	14748
Spain, foreign trade regulations.....	14375	Sponges, ecology of Gulf of Mexico commercial sponges and its relation of fishery.....	14283
Spanish language, Foreign Service Institute, basic course.....	15104-105	Spor Mountain, ore, beryllium solvent extraction.....	14751
Sparks, Loward D., and wife, relief.....	14036	Sports, bribery in sporting contests, prohibit schemes, law.....	13866

INDEX

	Entry		Entry
Spraberry, James A., summary of reservoir sediment deposition surveys made in United States through 1960	13593	interagency directory, key contacts for planning and development of educational, cultural, scientific and technical exchange programs	15098
Sprays and spraying, spray distribution patterns from Piper PA-18A airplane flying at 50 feet	13566	security officers, protecting heads of foreign states and other officials, provide authority to arrest without warrant	14108
Spruce, William E., basic data on economy of British Honduras	14385	Statement of Federal Home Loan Bank Board on inquiry into mortgage insurance companies	14238
Spurlock, Hughes H., trend and developments in Japan's economy affecting market for U.S. farm products, 1950-62	14174	States:	
SRDS, <i>see</i> Systems Research and Development Service, FAA.		Federal aid, Great River Road, interstate planning and coordination, increase, report	14091
Staatz, Mortimer H., geology and mineral deposits of Thomas and Dugway ranges, Juab and Tooele Counties, Utah	14341	Federal aid highway construction act of 1964, report	14093
Stability of aircraft:		Federal grants, highway program, permission to increase mileage, report	14090
C-130-E, limited category 2 stability and control tests	13615	government agencies, employment of scientific and technical personnel, 1962	14705
C-135B, limited category 2 tests	13616	hospitals for mental disease, departments dealing with mental health, directory	14948
HH-43B helicopter category 2 stability and control tests	13612	laws and regulations— affecting mentally retarded, checklist	15067
Stagnation point, heat transfer measurements in arc-heated subsonic stream, theoretical and experimental, comparison	14840	control of radiation hazards	14675
Stainless steel:		laws, time off for voting	14070
and copper-clad steel, wires, reinforcement for articulated concrete mattresses, galvanic effect	14214	library functions, 3d assembly, proceedings	14720
fume hood for safety in use of perchloric acid	14755	minimum wage laws, summary	14673
PH 15-7 Mo, axial-load fatigue properties	14887	tax revenue, Jan.-Mar. 1964	13772
Stall (aircraft):		taxation of interstate commerce, report	13928
stalling and tumbling of radio-controlled parawing airplane model	14852	wage payment and collection law, suggested language	14683
swept wings, characteristics, review	14896	Static, whistlers observed by Vanguard III, data report	14857
La Stampa (periodical):		Statistical aspects of antisocial behavior of minor in United States	13783
indexes	14442, 14584	Statistical publications, <i>see</i> names of departments, etc., issuing publications.	
La Stampa sera (periodical):		Statistics, occupational accidents, international exchange (remarks)	14678
indexes	14442, 14584	<i>see also</i> subjects.	
Stamps, <i>see</i> Food stamps—Postage stamps.		Statuary, <i>see</i> Sculpture and statuary.	
Standards and standardization:		Statutes, <i>see</i> Law.	
Federal standards	14260	Staylor, Frank W., afterbody pressures on 2-dimensional boat-tailed bodies having turbulent boundary layers	14882
military standards	14164	Stedman, R. L., flavor contribution of Turkish tobacco in blended cigarettes	13571
<i>see also</i> Subjects.		Steel:	
Stannous fluoride:		and alloys austenitic heat resisting welding used in building gas turbines, USSR study	14441
solutions, in vitro effectiveness of topical applications of low concentration	13647	reinforcing steel, protection from corrosion	14207
topically applied in aqueous solution in caries prevention in military population	13649	special steels and alloys, USSR study	14504
Starks, La., motor carrier accident	14404	<i>see also</i> Stainless steel.	
Starlings, decoy trap	14275	Steel containers, <i>see</i> Containers.	
Stars:		Steigelmann, William H., radioisotope shielding design manual	13703
bolometric corrections, revised scale	13626	Stephens, James G., geology and uranium deposits at Crooks Gap, Fremont County, Wyo.	14337
sight reduction tables for air navigation	14995	Stephens, Joseph R., interstitial impurities effects on low-temperature tensile properties of tungsten	14851
supernovae, neutrinos, and neutron stars, final evolution	14845	Stewart, Roger B., flow evaluation in arc-heated hypersonic wind tunnel	14877
<i>see also</i> Milky way.			
State boards and departments of education, <i>see</i> Educational boards and departments.			
State Department:			
department and foreign service series	15095		
educational and cultural exchange program, American grantees, 1963, list	15096		
foreign assistance appropriations, 1965, reports	13950, 13952		

AUGUST 1964

Entry	Entry
Stockpiling, <i>see</i> Strategic materials.	
Stockwell, Homer J., snow survey and soil moisture measurements for Western United States, including Columbia River drainage in Canada-----	15089
Stockwell, Robert P., Spanish basic course, units 31-45-----	15104
Stone, M. K., field experiments for control of cabbage insects-----	13563
Storage:	
civil defense emergency hospitals pre-positioned and training, storage locations-----	15052
structures, use of wood-----	14313
<i>see also</i> names or classes of articles stored.	
Storekeepers, <i>see</i> Aviation storekeeper.	
Stores:	
arrangement and display, bibliography-----	15079
employee earnings in miscellaneous retail stores, June 1962, retail stores and proprietary stores-----	14693
Storr, John F., ecology of Gulf of Mexico commercial sponges and its relation to fishery-----	14283
Story of Jefferson National Forest-----	14334
Strains and stresses:	
axial-load fatigue properties of stainless steel-----	14887
determination of stresses in flexible plates and shells by method of photoelastic coatings-----	14925
finite element solution for thin shells of revolution-----	14768
high-temperature tensile testing in vacuum, apparatus facilities-----	14805
metal fatigue and cyclic stress, USSR study-----	14465
metallic materials and elements for flight vehicular structures, change-----	14162
natural frequencies in coupled bending and torsion of twisted rotating and nonrotating blades-----	14778
tensile properties of tungsten, effects of interstitial impurities-----	14851
Straps, buckle joins web straps quickly, adjusts easily-----	14827
Strasser, Arnold, employer expenditures for selected supplementary compensation practices, etc., meatpacking and processing industries, 1962-----	14706
Strategic materials:	
disposal of cadmium from national stockpile, law-----	13869
disposal of lead from national stockpile--	
hearings-----	13992
reports-----	13930, 14095
disposal of molybdenum from national stockpile--	
hearing-----	13994
reports-----	13935, 14094
disposal of pig tin from national stockpile--	
hearings-----	13993
reports-----	13932, 14097
disposal of zinc from national stockpile--	
hearing-----	13988
reports-----	13947, 14096
stockpiling of minerals and metals, review, hearings-----	14006
Stratigraphy:	
Matanuska formation in Matanuska Valley, Alaska, reconnaissance-----	14339
Niobrara formation at Pueblo, Colo-----	14344
Streams, <i>see</i> Rivers.	
Streptococcal infections, selected references-----	15043
Stress (psychological), <i>see</i> Tension.	
Stresses (mechanical), <i>see</i> Strains and stresses.	
Strontium, minerals yearbook chapter-----	14765
Stroud, Raymond B., manganese resources of Batesville district, Ark., field investigations, July 1956-June 1961-----	14760
Structural behavior of composite materials-----	14784
Structures, <i>see</i> Strains and stresses.	
Studebaker Corporation, South Bend, Ind., plant closing, report-----	13656
Students:	
higher education, assistance act of 1965, hearings-----	14151
Stulck, R. S., geology and ground water of Luke area, Ariz-----	14356
Subject headings, Armed Services Technical Information Agency, descriptors thesaurus, supp-----	14165
Submarine crews, Thresher, in memorandum, Apr. 10, 1963-----	15016
Subsidies, <i>see</i> names of commodities, industries, etc.	
Sudderth, Jack A., national altitude rocket test facilities-----	14833
Sugar, production in Louisiana-----	13580
Sugar pine, <i>see</i> Pine.	
Sugarcane, culture for sugar production in Louisiana-----	13580
Sulfur, production, etc., 1963-----	14766
Sulfuric acid, current industrial report-----	13759
Sullivan, John J., YAT-37D systems evaluation-----	13619
Sun:	
chromospheric flares, nuclear processes-----	14921
secular perturbations, Helphen's method applicable to long-range effects in motions of celestial bodies-----	14902
Sunrise effects on east-west ionospheric propagation paths-----	13629
Superconductors, hard, evidence of degradation effects in short samples-----	14878
Superheaters, BONUS, boiling nuclear superheater power station final summary design report-----	13707
Supernovae, neutrinos, and neutron stars, final evolution-----	14845
Supersonic flow, <i>see</i> Flow.	
Supervisors, training course, interviewing and counseling-----	15082
Supplies, <i>see</i> Government supplies-- Military supplies.	
Supply and demand, organization of material-technical supply and material balances, fundamentals, USSR study-----	14645
Supply catalog, <i>see</i> Federal supply catalog.	
Supreme Court, pages, residence, report-----	14087
Surface water, <i>see</i> Water.	
Surgery, neurological care system, comprehensive restorative therapy and training of personnel USSR articles-----	14634
Surveys, <i>see</i> subjects of surveys.	
Survival, space flight, emergency escape and restraint systems, biomedical research studies, bibliography-----	13732
Survival experience of radium cases-----	13701

INDEX

	Entry		Entry
Sutton, Doris C., determination of cerium-144 in vegetation and soil -----	13696	Taxes, <i>see</i> Taxation.	
Swearingen, John J., air loads on man, studies -----	13726	Taylor, Hobart, jr.: remarks -----	
Sweat, <i>see</i> Perspiration.		June 10, 1964 -----	15034
Sweetpotatoes, instant, flakes, household consumers acceptance of -----	13588	July 10, 1964 -----	15035
Swets, John A., computer-aided learning of sound identification -----	15003	Teachers:	
Swift, Calvin T., plane electromagnetic waves passing through isotropic inhomogeneous plasma slab -----	14901	beginning, one year later, report of followup study -----	14177
Symposiums:		Maine, social security coverage, law -----	13898
AEC series -----	13714	Teachers' Day, <i>see</i> National Teachers' Day.	
reactor kinetics and control -----	13714	Teaching about United Nations in United States, 1960-63, report -----	14199
rotating and static precision components, proceedings -----	15009	Teaching machines, scientific conferences on automatic teaching, USSR -----	14627
Synchros, rotating and static precision components symposium, proceedings -----	15009	Technical cybernetics -----	14510
Systems Research and Development Service, FAA, technical reports, abstracts, general distribution, supplement -----	15132	Technical documentary reports: Air Force Flight Test Center -----	13612-623
T		Personnel Research Laboratory -----	13633-635
Tables (mathematics), <i>see</i> Mathematics.		School of Aerospace Medicine -----	13647-651
Tachometers, generators, rotating and static precision components symposium, proceedings -----	15009	Technical information release -----	14368
Taiwan, <i>see</i> Formosa.		Technical manuals, Army Department -----	13080-684
Take-off (aircraft):		Technical memorandums:	
performance of representative supersonic transport configurations -----	14855	National Aeronautics and Space Administration -----	14833-834
Tallah, La., cost of cotton insect control with insecticides -----	13565	Waterways Experiment Station -----	14211
Tanaka, Frank H., category 2 stability and control tests of HH-43B helicopter -----	13612	Technical notes:	
Tanaka, Y., 600-A band of helium -----	13644	National Aeronautics and Space Administration -----	14835-899
Tanks:		National Bureau of Standards -----	14939-942
farm milk, examination, NBS handbook -----	14933	Technical reports:	
milk cooling, on farms supplying Federal milk order markets -----	13559	Army Engineer Research and Development Laboratories -----	14201
rectangular, variation of pitch motion of vehicle in space environment due to fuel sloshing -----	14869	Army Transportation Research Command -----	15136-138
<i>see also</i> Septic tanks.		National Aeronautics and Space Administration -----	14900-905
Tape system, low cost, measures velocity or acceleration -----	14808	Naval Training Device Center -----	15002-6
Tariff:		Ohio River Division Laboratories -----	14207-208
act of 1930, amend-----		Systems Research and Development Service, FAA, abstracts, general distribution, supplement -----	15132
laws -- 13881, 13886-887, 13891, report -----	14098	Waterways Experiment Station -----	14212-214
customs regulations, revised pages -----	14159	Wright Air Development Division -----	13652
<i>see also</i> names or classes of articles, imported or exported.		Technical research note, Army Personnel Research Office -----	13685
Tariff Commission, beef and beef products, investigation -----	15133	Technical research report, Army Personnel Research Office -----	13687
Tax Court, appropriations, 1965, report -----	14048	Technical translations, National Aeronautics and Space Administration -----	14906-926
Tax exemption, nurses' professional registries, status, report -----	13962	Technicians, employment in State government agencies, 1962 -----	14705
Taxation:		Technique simulates effect of reduced gravity -----	14832
double, protocol with Greece, report -----	14030	Technology:	
limiting priority and nondischargeability in bankruptcy, report -----	14080	changing, implications for training of people (address) -----	14677
quarterly tax report -----	13772	Communist China, translations -----	14411, 14532, 14604, 14608, 14624, 14644
State and local governments, revenue, Jan.-Mar. 1964 -----	13772	economic and social implications, current projects, 1963 -----	14987
States, of interstate commerce, report -----	13928	exchange program, agreement with USSR -----	15118
<i>see also</i> Excise taxes—Income tax— <i>also</i> names of articles, etc., subject to tax.		oil shale, review -----	14737
		utilization publications, list -----	14929
		<i>see also</i> subjects.	
		Technology, Automation, and Economic Progress, National Commission on, <i>see</i> National Commission on Technology, Automation, and Economic Progress.	
		Teeth, caries prevention by stannous fluoride topically applied in aqueous solution -----	13649

Entry	Entry
Teflon, <i>see</i> Polytetrafluoroethylene.	
Tektites, Australian, application of theory of tumbling bodies entering planetary atmospheres.	14905
Telemetry:	
systems—	
application of integrated circuits	14838
medium-data-rate digital	14859
medium resolution infrared-pulse code modulation, example of microelectronic logic design	14856
Telephone, <i>see</i> Radio telephone.	
Television:	
divided or united, some problems in growth (address)	14233
visual data transmission	13643
Telluric currents, <i>see</i> Geophysics.	
Tellurium, oilfield waters, analyzing method	14756
Telodrin, persistence on sweet corn as determined by gas chromatography	13564
Temperature:	
cryogenics, elastomers evaluation for potential use	15017
high, magnesium alloys processing, USSR study	14410
measurement of free atmosphere taking into account recombination of atoms	14922
structures, variable-transparency wall regulates temperatures	14811
thermophysical physical properties of argon from 0 to 300° K., bibliography	14941
Tensile strength, <i>see</i> Strains and stresses.	
Tension, stress, effect on radiosensitivity of rats and effectiveness of radioprotective action of camine, USSR study	14471
Terlin, Rose, job horizons for college women in 1960's	15175
Terminals (transportation):	
ammunition loading	14206
Terrain, investigation of roughness	15138
Terry, James E., parametric study of hypersonic flow fields about blunt-nosed cylinder at zero angle of attack	14875
Tertiary period, reef-associated limestones	14340
Testing, untestables	14663
<i>see also</i> names of substances or objects tested.	
Testing apparatus, molecular bounce-back, test device for preventing	14812
Teton Basin project, construction of Lower Teton division, report.	14077
Texas:	
climate of Texas and adjacent Gulf waters	15151
cotton varieties planted in early producing section, 1964	13561
policemen and firemen under retirement system, coverage under social security, law	13898
Textiles, civilian industrial technology program	13822
TFE, <i>see</i> Polytetrafluorethylene.	
Thailand, foreign trade regulations	14378
Thallium, metallic, and its salts, problems of labor hygiene in production, USSR study	14547
Thawing, soils, trafficability forecasts, pilot study	14211
Therapeutics, <i>see</i> Physical therapy.	
Thermal expansion, <i>see</i> Expansion (thermal).	
Thermal radiation:	
atmospheric absorption in 9.6 μ ozone band region	14915
CO ₂ in atmosphere	14916
Thermionic converters:	
cesium diode, application of study of zero-field electron work function of metal immersed in gas	14886
cesium vapor, for nuclear applications, research program	14786
Thermodynamics:	
properties of perfluorocyclobutane, real gas	14757
shock-heated flow parameters, hypersonic, as function of flight velocity and altitude	14900
Thesaurus of ASTIA descriptors, DDC supplement	14165
Thieme, Darius L., African music	14715
Thorium, prophylactic and protective measures in working with thorium, USSR study	14463
Thorne, H. M., oil-shale technology, review	14737
Three Rivers, Tex.:	
Frio River, flood control, authorize survey—	
law	13915
report	14088
Thresher (nuclear ship):	
in memoriam, Apr. 10, 1963	15016
Thrust:	
high, boosters, acoustic efficiency trends	14841
vector orientation effects during manual control of lunar landings from synchronous orbit.	14853
Thrusters, electrothermal, noncryogenic propellants, errata	14848
TIAS series	15107-127
Tides:	
tables—	
central and western Pacific Ocean and Indian Ocean, 1965	13812
Europe, west coast of Africa and Mediterranean	13813
Timber, volume in western South Dakota	14320
Timpanogos Cave National Monument, general information	14980
Tin:	
pig, disposal from national stockpile—	
hearings	13993
reports	13932, 14097
Tires, cord and fabrics, current industrial reports	13760
Tissues, structure, properties and pathological changes of elastic structures, current data, USSR study	14593
Titanium dioxide, pigment particle size separation	14787
Tobacco: acreage allotments, extend time to file 1964 leases, report.	13930
laws enforced by Alcohol and Tobacco Tax Division, guide for law enforcement officers	14366
production and marketing in Southern Rhodesia, Northern Rhodesia, and Nyasaland	14291
products, prevent double taxation, law	13891
Turkish, flavor contribution in blended cigarettes	13571
Tobak, Murray, tumbling bodies entering planetary atmospheres	14905
Togo, foreign trade regulations	14383
Tolls, U.S.S. Alabama, permit passage through Panama Canal without toll charges, report	13977
Toman, Kurt:	
antipodal image of electromagnetic source	13640
central-force laws for elliptic orbit	13636
Tomatoes, canned, standards for grades	13562

INDEX

	Entry		Entry
Tooele County, Utah, geology and mineral deposits.....	14341	Transplantation (physiology):	
Tornadoes, safety rules.....	15164	bone marrow, state of hemopoietic tissue in acute radiation sickness, USSR study.....	14592
Torsion, <i>see</i> Strains and stresses.		Transponders, communication satellite, traveling wave tube reentrant amplifier serrodyne system.....	14846
Town, Joseph W., cost estimates and optimum conditions for continuous-circuit leaching of mercury.....	14744	Transport airplanes, <i>see</i> Airplanes.	
Towns, <i>see</i> Cities and towns.		Transport equations, <i>see</i> Equations.	
Townsend, Marjorie R., medium-data-rate digital telemetry system.....	14859	Transportation:	
Toxic effect of molds on grain, USSR.....	14523	Communist China, translations.....	14531, 14548, 14641
Toxicology, USSR studies.....	14457	house trailers and mobile dwellings of members of uniformed services, increase allowances, report.....	14117
Tracer studies, application of nuclear techniques to manufacture of high-reliability printed circuit boards.....	13718	industry or public service?.....	14539
Tractors, USSR industrial development, translations.....	14570	lines, Great Lakes system, 1964.....	14210
Trade, <i>see</i> Agricultural products—Commerce.		military departments method of shipping automobiles of Armed Forces personnel to and from Alaska, amend United States code.....	
Trade centers, U.S., show the world, sell the world.....	14371	hearing.....	13989
Trade fairs, <i>see</i> Fairs.		report.....	13943
Trade practices, rules, braided rug industry.....	14261	traffic assignment manual for application with large, high speed computer.....	15073
Trades, <i>see</i> Occupations.		transportation series, Engineer Corps.....	14210
Trading with the enemy act, amend, report.....	13982	urban mass transportation act of 1963, law.....	13913
Traffic:		USSR, translations.....	14460, 14503, 14534
assignment manual for application with large, high speed computer.....	15073	Traps, decoy, blackbirds and starlings.....	14275
deep sea domestic waterborne, 1958-62.....	14400	Travel:	
<i>see also</i> Air traffic.		authorization, Agriculture Committee, House, report.....	13960
Traffic control, <i>see</i> Air traffic.		information and travel tips, passport do's and don'ts.....	15095
Trailblazer, <i>see</i> Rockets.		visit U.S.A., bridge of understanding (address).....	13821
Trailers, house, and mobile dwellings of members of uniformed services, transportation, increase allowances, report.....	14117	Traveling-wave tubes, <i>see</i> Tubes.	
Trails, national forests, construct and maintain, report.....	14103	Trawls and trawling:	
Training:		beam, shrimp and otter trawls, scope ratio depth relationships.....	14268
apprenticeship and training representative, examination, announcement.....	13807	utilization of otter-trawl shrimp vessels in Gulf of Mexico, 1959-61.....	14271
civil defense literature, list.....	15051	Trease, B. David, Spanish basic course, units 46-55.....	15105
methodology, programmed instruction.....	13678	Treasure maps, <i>see</i> Maps and charts.	
personnel in neurosurgical care system, USSR articles.....	14634	Treasury, sale of U.S. obligations directly to Federal reserve banks, extend authority, report.....	14059
program, highway engineering aide.....	14188	Treasury Department:	
retarded girls, experimental programs.....	13785	appropriations, 1965, report.....	14048
<i>see also</i> Education—Naval education—also subjects.		department circulars.....	15139-140
Training schools, <i>see</i> Reformatories.		sale of U.S. obligations directly to Federal reserve banks, extend authority.....	13996, 13893
Training villages, <i>see</i> Villages.		Treaties and other international acts series.....	15107-127
Trajectories:		Tree planting, tree planters' notes.....	14335
human free-falling.....	13617	Trees:	
reentry, capability of proportional-type lateral control system in providing aerodynamic heading-angle trajectory control.....	14876	forest, site preparation, what do you mean?.....	14318
Tramways, <i>see</i> Cableways.		nursery products, production and sales, 1962 and 1963.....	15130
Tranquilizing drugs, effects on physical work capacity and orthostatic tolerance.....	13736	Trilobites, fossils in Ordovician tuffs, northeastern Maine.....	14338
Transducers, hot-wire, cooling method prolongs life.....	14804	Trites, David K., air traffic control specialists, predicting performance.....	13733
Transistors:		Troitskiy, V. S., lunar radio emission, physical state and nature of moon's surface.....	14911
low-power transistorized circuit provides staircase waveform.....	14818	Troops, <i>see</i> Army.	
transistorized circuits, servicing techniques, guide.....	15001		
Translations, technical, National Aeronautics and Space Administration.....	14906-926		
Transmission of information by extraterrestrial civilizations, USSR.....	14648		

AUGUST 1964

	Entry		Entry
Troy, N.Y., occupational wage survey-----	14695	Union of Soviet Socialist Republics: agriculture—	
Trucks, <i>see</i> Motortrucks.		report of 1963 U.S. Agriculture Exchange Delegation-----	14173
Truman, Harry S., <i>see</i> President of United States.		translations-----	14572
Trustees in bankruptcy, powers, amend bankruptcy act, report-----	14079	automatic teaching, scientific conferences-----	14627
Trusts (industrial):		biochemistry studies-----	14569
antitrust laws—		budgetary and financial problems, articles-----	14626
investigation, professional boxing, hearings-----	14150	communications, translations-----	14526
price discrimination legislation, hearings-----	14149	consular convention, text, etc-----	14028
Tsai, Stephen W., structural behavior of composite materials-----	14784	consumer goods and domestic trade, translations-----	14651
Tubes:		cotton production, etc., addendum—	13597
composite, vacuum-jacketed tubing replaces bellows in cryogenic systems-----	14806	cultural relations, exchanges in scientific, technical, educational, cultural and other fields, agreement-----	15118
metal fill, tool facilities sealing-----	14810	economic system—	
traveling wave, re-entrant amplifier serrodyne system-----	14846	current developments-----	14489, 14639
Tuffs, <i>see</i> Volcanic ash, tuff, etc.		structure and policy-----	14450, 14533
Tumors:		electric power, translations-----	14427
chemotherapy, USSR study-----	14617	financial and budgetary problems, articles-----	14626
malignant neoplasms, age-adjusted and age-specific death rates, 1960-----	15041	game waterfowl, reserves at present time and recent past, distribution-----	14464
upper respiratory organs, classification, USSR studies-----	14516	health-resort science, physiotherapy, and therapeutic physical culture, studies-----	14462
USSR studies-----	14521	industrial development—	
Tungsten, low temperature tensile properties, effects of interstitial impurities-----	14851	automotive industry-----	14403
Tunnel diodes, <i>see</i> Diodes.		chemical industry-----	14599, 14631
Tunnels, vehicular, locate under certain parts of Capitol grounds and Botanic Garden grounds, authorize, report-----	14092	electrical equipment-----	14652
Turbines, gas, steels and alloys used in building, welding operations, USSR study-----	14441	ferrous metallurgy-----	14491
Turkey, foreign trade regulations-----	14376	metalworking equipment-----	14520, 14545
Turkish tobacco, <i>see</i> Tobacco.		nonferrous metallurgy-----	14507, 14605
Turner, Frank, terrain roughness-----	15138	regional economy-----	14432, 14458
Tussock moths, Douglas-fir, description, control-----	14300	tractors and agricultural machinery-----	14570
Tuzigoot National Monument, general information-----	14981	international economic relations-----	14518
Typewriters, <i>see</i> Ribbons for typewriters, etc.		irrigation and reclamation discussion-----	14650
U		medical industry, prospects, tasks and cooperation-----	14511
U.S.S.R., <i>see</i> Union of Soviet Socialist Republics.		medicine, translations-----	14567
UH-1B, <i>see</i> Helicopters.		metallurgy, studies-----	14630
UH-1D, <i>see</i> Helicopters.		military translations-----	14478, 14486
Ultraviolet rays, radiance of earth and its limb-----	14885	problems of space biology-----	14628
Ultraviolet spectrum, <i>see</i> Spectra.		production costs, reducing-----	14437
Umiat oil field, sell crude oil for drilling, mechanical, and heating operations in nearby areas, report-----	13933	programmed instruction and prospects for its introduction-----	14621
Unemployed:		religious survival, causes and means for elimination-----	14553
eliminate unemployment through education (remarks)-----	14665	scientific abstracts—	
merchandising your job talents-----	14200	biology and medicine-----	14424
testing untestables-----	14663	chemistry and metallurgy-----	14577
Unemployment insurance, railroad employees, RRB administrative rulings-----	15074	scientists, biographies-----	14418
Uniformed services, <i>see</i> Armed Forces.		transportation, translations-----	14460, 14503, 14534
Uniforms:		Union Town, N.Y., population, special census-----	13765
Marine Corps regulations, changes-----	14721-722	Union wages, <i>see</i> Wages.	
Reserve officers, maintenance allowance, to combine service in more than one reserve component in computing 4 years of Federal service to qualify, report-----	13942	United Arab Republic, agricultural commodities, agreement-----	15115
		United Federation of Postal Clerks, AFL-CIO, agreement with Post Office Department-----	15026
		United Kingdom of Great Britain and Northern Ireland, <i>see</i> Great Britain.	
		United Nations:	
		conference on law of the sea, convention on Continental Shelf-----	15114
		Food and Agriculture Organization, United States report to FAO on progress made toward purpose of organization-----	14293
		teaching about in U.S., 1960-63-----	14199

Do not order from index; see indicated entry

Page 163

INDEX

	Entry		Entry
United States:		VBWR, <i>see</i> Reactors (atomic).	
NOTE:—For all subjects		Veal:	
pertaining to the United		imports, restrict—	
States, except its govern-		hearings -----	14135
ment, general history, and		report -----	14098
description, <i>see</i> such sub-		trade agreement with, Mexico-----	15120
jects.		Vegetables:	
becoming a citizen series, our		fresh, prices-----	13599
United States-----	14360	harvesting and handling, use of	
designate 1964 and 1965 as period		cushioning materials-----	13567
to See the United States, re-		Mexican winter production, sur-	
port -----	14084	vey -----	14288
United States code, <i>see</i> Codes of law.		processed, plants under USDA con-	
United States Educational and Cul-		tinuous inspection, list-----	13558
tural Foundation in Liberia,		Vegetation, determination of cerium-	
agreement -----	15122	144 -----	13696
United States Government organiza-		Vehicles, <i>see</i> Aircraft—Spacecraft.	
tion manual -----	14256	Velocity, low-cost tape system meas-	
United States Information Agency,		ures -----	14808
report, semiannual-----	15141	Veneral diseases, education, report-	15070
Universal military training and serv-		Venezuela, market for U.S. products,	
ice act, <i>see</i> Military service.		international commerce suppl-	
Unloading and lading:		ment -----	14370
ammunition loading terminals-----	14206	Venus (planet):	
loading insert containers and car-		atmosphere, exploration by sim-	
go transporters-----	13681	ple capsule-----	14839
Uota, M., quality and respiration rates		ionosphere, theoretical study-----	14868
in stock flowers treated with		Vermont, weather stations, decadal	
benxylaminopurine -----	13560	census -----	15161
Upper atmosphere, <i>see</i> Atmosphere.		Vervoort, Willem, free-living Cope-	
Upper Volta, foreign trade regula-		poda from Ifaluk Atoll in Car-	
tions -----	14383	oline Islands-----	14961
Uranium:		Vessels, <i>see</i> Fishing vessels.	
contributions to geology of uranium		Vestnik Academi Meditsinskikh	
(series) -----	14337	Nauk SSR (periodical):	
deposits, Crooks Gap, Fremont		translations -----	14549, 14582
County, Wyo-----	14337	Veterans:	
miners and millers, cancer mortal-		burial allowances, amend law—	
ity patterns, 1950-62-----	15044	law -----	13907
natural, amount of U-235 isotope		report -----	14065
in official USAEC values-----	13716	disabled, educational assistance to	
Uranium isotopes:		children, law-----	13909
U-235-----		Medal of Honor recipients hos-	
amount in natural uranium, offi-		pital, etc., care for nonservice-	
cial USAEC values-----	13716	connected disabilities, hearing-	14154
retained in absolute air filters,		miscellaneous bills—	
non-destructive measurement-		hearing -----	14155
-----	13704	non-service connected pension	
Urban areas, <i>see</i> Cities and towns.		benefits for all wars, hear-	
Urban planning, <i>see</i> Redevelopment		ings -----	14019
(city planning, etc.).		older American-----	15143
Urban renewal, <i>see</i> Redevelopment		reemployment rights, legal guide	
(city planning, etc.).		and case digest -----	15145
USAPRO, <i>see</i> Army Personnel Re-		social and economic data for	
search Office.		former members of Armed Forces,	
Using records to reduce accidents, con-		census of population, 1960-----	13774
ference workshop (remarks)-----	14679	<i>see also</i> Life Insurance.	
USSR, <i>see</i> Union of Soviet Socialist		Veterans Administration:	
Republics.		appropriations, 1965—	
V		law -----	13904
V.A., <i>see</i> Veterans Administration.		report -----	13951
VA, <i>see</i> Veterans Administration.		budget, 1965, amendment-----	14026
Vacancy formation in gold under		national service life insurance—	
high pressure-----	14894	disability coverage to age 65—	
Vacation pay, <i>see</i> Wages.		law -----	13903
Vacations, farm enterprises in Ohio-	14168	report -----	14064
Vacuum:		waiver of premiums upon be-	
apparatus facilitates high-tempera-		coming disabled prior to age	
ture testing-----	14805	65-----	
extreme technology and associated		law -----	13912
clean surface studies-----	14792	report -----	14063
Valence, estimation of chemical bond		VA pamphlet-----	15144
from superfine structure of		Veterans Affairs Committee, House,	
electronic paramagnetic reso-		hearings -----	14019
nance spectra of manganese-----	14456	Veterans Appeals Board, rules of	
Valentine, Ruth E., store arrange-		practice, 1964-----	15144
ment and display-----	15079	Veterans home, Medal of Honor re-	
Vanguard, <i>see</i> Satellites.		cipients care, hearing-----	14154
Vapors, <i>see</i> Water vapor.		Veterans hospitals, Medal of Honor	
Variable-transparency wall regulates		recipients care, hearing-----	14154
temperatures of structures-----	14811	Veterans' Reemployment Rights Bu-	
Vasodilators, effects on physical work		reau, legal guide and case dig-	
capacity and orthostatic toler-		est -----	15145
ance -----	13736	Veterinarians, and FDA, guardians of	
		animal health-----	14286

	Entry
Vibration:	
axially symmetric equations of liquid-filled, cylindrical shell	14924
biomedical research studies, bibliography	13732
blasting, instrumentation to record, design requirements	14763
flight data of Aerobee 150A sounding rocket	14858
rocket vehicles, localized environments, statistical techniques for describing	14847
transverse, of liquid-filled shells, equations	14923
Vice President of United States, vacancies in office, filling, proposed amendments to Constitution, hearings	14148
Vick, Allen R.:	
comparisons of experimental free-jet boundaries with theoretical results	14865
highly underexpanded free jets impinging upon parallel flat surface	14864
Vietnam:	
North—	
economy, translations	14495, 14535, 14609, 14654
political and sociological information, translations	14492, 14536, 14558, 14578, 14587
prescription for peace	13667
villages, training, USSR, what they should look like	14517
visas, see Passports.	
vision, see Sight.	
visual data transmission	13643
visual perception, see Perception.	
vital statistics, data from national health survey	15071
vocational rehabilitation, see Rehabilitation of the disabled.	
volcanic ash, tuff, etc., fossils in Ordovician tuffs, northeastern Maine	14338
volcanic rocks, see Igneous rocks.	
volcanoes, Hawaii, Kilauea, 1961 eruption	14345
voltages, two-step voltage discharge characteristics of silver-zinc-cells eliminated with auxiliary silver electrode	14826
volunteer workers, and rural poverty	14664
Vostok, see Satellites.	
voting, time off for voting under State laws	14670
W	
W.A.D.D., see Wright Air Development Division.	
Wachtel, Dawn A., foreign trade regulations of Thailand	14378
WACU, see West African Customs Union.	
WADD, see Wright Air Development Division.	
Wage and Hour and Public Contracts Division, interpretative bulletin	15146
Wage chronology, see Wages.	
accrued vacation pay, deductibility, extend time, report	13946
amend Davis-Bacon act to include fringe benefits, law	13897
Wages:	
chronology—	
anthracite mining industry, 1930-59	14689
Western Greyhound Lines, 1945-63	14688
earnings series, manufacturing, summary 1939-64	14685

	Entry
Wages—Continued	
employer expenditures for supplementary practices for production workers, meatpacking and processing industries, 1962	14706
fair labor standards act, Puerto Rico, minimum rates	15148
minimum, State laws, summary	14673
occupational earnings in major labor markets, 1963-64	14711
occupational surveys—	
Albany-Schenectady-Troy, N.Y.	14695
Charleston, W. Va.	14699
Charlotte, N. C.	14697
Cincinnati, Ohio-Ky.	14700
Milwaukee, Wis.	14698
Phoenix, Ariz.	14696
South Bend, Ind.	14694
payment and collection, State law, suggested language	14683
seafaring wage rates, Atlantic, Gulf and Pacific districts	14726
union—	
motortruck drivers and helpers	14701
printing industry	14702
Wagoner, Joseph K., cancer mortality patterns among U.S. uranium miners and millers, 1950-62	15044
Walker, Russell G., celestial background radiation, bolometric corrections	13626
Walls, variable-transparency wall regulates temperatures of structures	14811
Walnut anthracnose	14299
Ware, George M., delta-wing recovery device for nonlifting spacecraft	14881
Warehouse examiners, examination announcement	13809
Warfare, see Atomic warfare.	
Warren County, Pa., hydraulic fracture treatments in glade and Clarendon oil reservoirs	14753
Washington, D.C., see District of Columbia.	
Washington State, surface water records, Oct. 1950-Sept. 1960	14354
Washington State Conference on Industrial Modernization, proceedings, Mar. 31, 1964	13745
Wasson, James A., secondary oil recovery possibilities, Cow Run sand, Burning Springs pool, Wirt County, W. Va.	14745
Waste products:	
disposal, subsurface, industrial wastes in United States	14736
municipal waste facilities in United States, 1962 inventory, statistical summary	15068
Water:	
delivery to Mexico, special studies	15077
geochemistry of natural waters of Blue Grass region, Ky.	14350
ground water—	
Luke area, Maricopa County, Ariz.	14356
resources, lower Rio Grande Valley area, Tex.	14348
interstitial balance in dogs after lethal thermal burn, problem, USSR study	14474
liquid state infrared absorption spectrum	14918
Pacific Southwest plan, hearings—	
quality control, storage and retrieval of data	14142
radium, determination	15069
resources research act, establish centers, etc., report	14349
sanitation facilities for Indians, PHS authority under P.L. 86-121	13958
	15064

INDEX

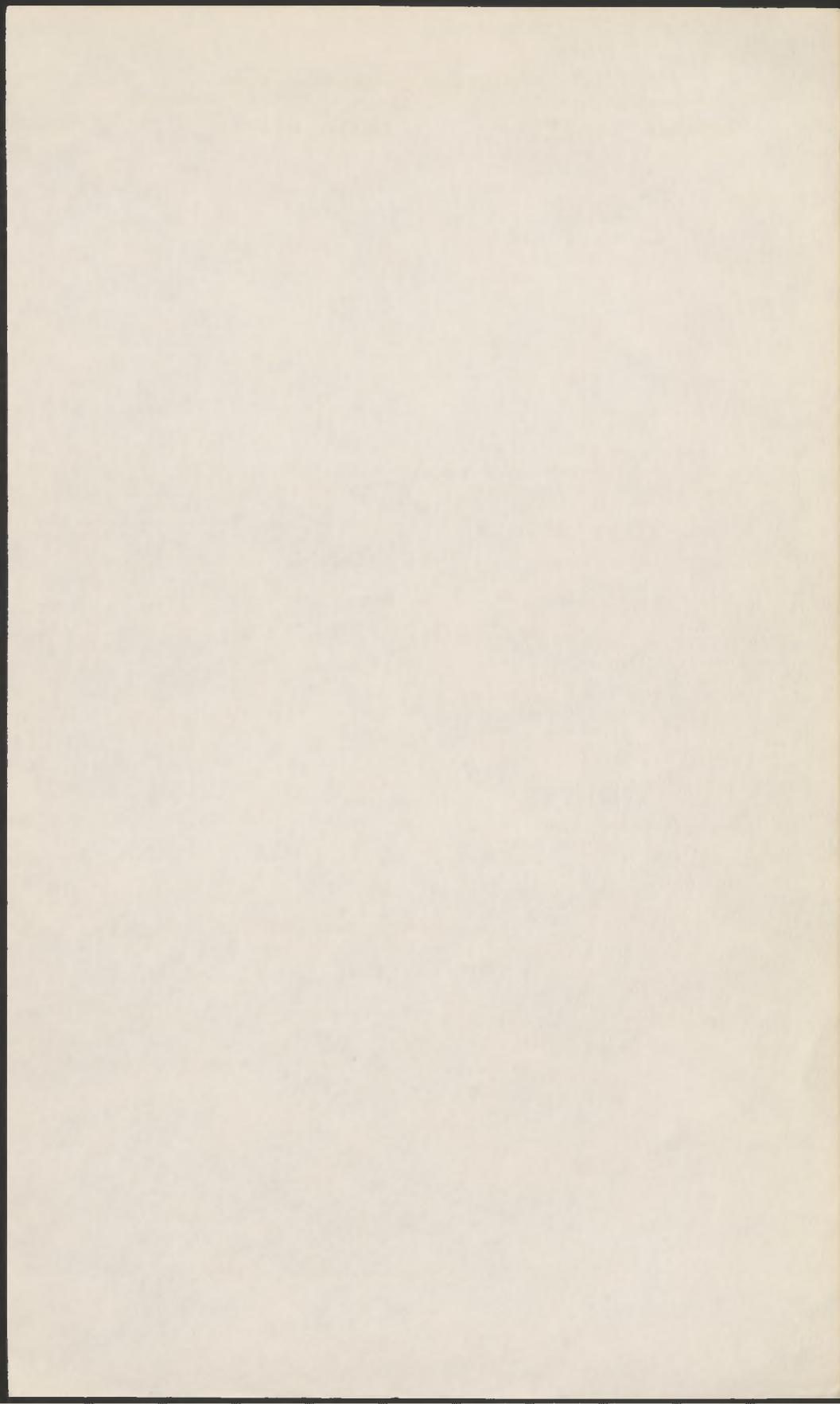
Entry		Entry	
Water—Continued		Weather stations—Continued	
surface water, United States, compilation of records, Oct. 1950–Sept. 1960	14351–355	decadal census—Continued	
water supply papers	14348–357	New England	15161
<i>see also</i> Sea water.		Oklahoma	15162
Water birds, game waterfowl, reserves in USSR at present time and in recent past distribution	14484	North Atlantic Ocean station Delta, 44° N, 41° W, oceanographic observations	13815
Water carriers, deep sea domestic waterborne traffic, 1958–62	14400	North Atlantic Ocean station Echo, 35° N, 48° W, oceanographic observations	13814
Water pollution:		storage-gage, precipitation data for Western United States, July 1962–June 1963	15163
control and abatement, national survey, hearings	14004	Weaver, Lynn E., reactor kinetics and control	13714
municipal waste facilities in United States, 1962 inventory, statistical summary	15068	Webster, Clark G., improved nest structures for wood ducks	14284
outdoor recreation, policy	15032	Weeks, W. F., structural control of vertical variation of strength of sea and salt ice	14203
Water vapor:		Weeks, <i>see</i> names of special weeks.	
bands, line parameters and computed spectra at 2.7 μ	14937	Weevils, white pine, control, evaluating and scheduling in northeast	14330
content in column of atmosphere, spectroscopic method of integral determination	14919	Weightlessness, biomedical research studies, bibliography	13732
high altitude, satellite determination	14783	Weirich, Robert L., take-off performance of representative supersonic transport configurations	14855
radio-release technique for measurement in gases	13705	Welding:	
Waterfowl, <i>see</i> Water birds.		austenitic heat resisting steels and alloys used in building gas turbines, USSR study	14441
Watersheds, small, stream-gaging stations for research	13581	electron beam, in industry, USSR study	14512
<i>see also</i> names of rivers, etc.		electronic module fabrication	14862
Waterways Experiment Station: technical memorandums	14211	Welfare work, <i>see</i> Social work and problems.	
technical reports	14212–214	West (U.S.):	
Watt, Lois B., Near East and north Africa, Educational Materials Laboratory report	14183	rural nonfarm areas, consumer expenditures and income, 1961	14687
Wave forms, staircase, low-power transistorized circuit provides	14818	snow survey and soil moisture measurements	15089
Wave numbers, calculation of spectral density of radiation scattered by non-equilibrium plasma	13697	storage-gage precipitation data, July 1962–June 1963	15163
Waveforms, <i>see</i> Wave forms.		urban places, consumer expenditures and income, 1960–61	14686
Waveguides, cryogenic, window sealed with plastic foam	14817	West African Customs Union, foreign trade regulations	14383
Wavenumbers, <i>see</i> Wave numbers.		West Germany, <i>see</i> Germany.	
Waxes, Federal supply catalog, management data list, change	14161	West Virginia:	
Wayne County, Mo., redevelopment area, opportunities for economic growth	13657	natural resources	14365
Wayne State University, mass spectrometers, duty-free entry, report	14049	Wirt County, Cow Run sand and Burning Springs pool, secondary oil recovery possibilities	14745
Ways and Means Committee, House: excise tax structure panel discussion	14020	women workers, 1960	15179
reports	13946, 13948, 13962, 13979	Western Greyhound Lines, wage chronology, 1945–63	14688
Weapons:		Western States, <i>see</i> West (U.S.).	
French military and nuclear developments, press reports	14581	What a training village should look like, USSR	14517
nuclear, testing, health aspects	13721	Wheat, U.S. exports under Government programs, 1962–63	14290
systems, rotating and static precision components symposium, proceedings	15009	Whistling atmospheric, <i>see</i> Static.	
Weather, career opportunities, engineers and physicists, weather systems	15150	Wholesale prices, <i>see</i> Prices.	
<i>see also</i> Climate.		Wichita Mountains Wildlife Refuge, birds, list	14279
Weather control, Colorado River basin, increase precipitation, hearing	14146	Widows and widowers, Foreign Service officers retirement and disability system adjustment, report	13968
Weather modification, <i>see</i> Weather control.		Wild animals, <i>see</i> Animals.	
Weather stations:		Wild birds, <i>see</i> Birds.	
decadal census—		Wilderness areas, establish national system, report	13970
California	15156	Wildlife:	
Idaho	15157	regulations for District of Columbia	14276
Michigan	15158	wildlife leaflets	14284–285
Minnesota	15159	Wildlife refuges:	
Nebraska	15160	national—	
		public use, 1963	14285
		system	14278
		refuge leaflets	14278–280
		<i>see also</i> names of refuges.	

AUGUST 1964

Entry	Entry		
Wilken, A. A., basic data on economy of Nigeria.....	14373	Wood, Lyman W., wood for use in bulk storage structures.....	14313
Williams, Henry B., relief.....	13840	Wood: oak, identification.....	14312
Williams, Lloyd R., magnesium.....	14740	primary wood industries of Kentucky, utilization summary and directory.....	14307
Williamson, Malcolm J., burning does not control young hardwoods on shortleaf pine sites in Cumberland Plateau.....	14308	use in bulk storage structures.....	14313
Wind machines, tests as aid to burning slash.....	14324	<i>see also</i> Lumber.	
Wind tunnels, arc-heated hypersonic, flow evaluation.....	14877	Wood ducks, improved nest structures.....	14284
Winds: air loads on man, studies.....	13726	Wood preservatives, comparison, stake tests, 1964 progress report.....	14309
structure, model for periodic character of winds from 85 to 135 km.....	14767	Woods, <i>see</i> Wood.	
Wings (aircraft): delta.....		Wool: consumption on woolen and worsted systems, current industrial reports.....	13752
recovery device for nonlifting spacecraft, low-subsonic aerodynamic characteristics.....	14881	measuring by staple length recorder.....	13590
windward pressures, control-surface interaction effects.....	14867	used in manufacture of polishing felts, provide duty-free entry, law.....	13881
delta-planform surfaces flutter characteristics, effects of leading-edge sweep at Mach number of 15.4.....	14888	<i>see also</i> Felt.	
parawing model, radio-controlled, stalling and tumbling.....	14852	Work: physical, effects of tranquilizing, analeptic and vasodilating drugs on capacity.....	13736
parawings, auxiliary lifting devices for supersonic airplane configuration, low-speed longitudinal aerodynamic investigation.....	14879	tolerance, adaptation to high altitudes related to age.....	13735
supersonic, design of camber surfaces with arbitrary planforms, numerical method.....	14874	Workers, <i>see</i> Labor—Women.	
swept, stall characteristics, review.....	14896	World trade, <i>see</i> Commerce.	
winged shapes in air and helium, hypersonic aerodynamic characteristics.....	14866	Wright, Grace S., offerings and enrollments in high school subjects.....	14198
Winters, Clyde W., ablation of blunted cylinder-flare configuration.....	14884	Wright, I. J., nuclear techniques application to high-reliability printed circuit boards manufacture.....	13718
Wire: hot-wire transducer, cooling method prolongs life.....	14804	Wright Air Development Division, technical report.....	13652
stainless and copper-clad steel, as reinforcement for concrete mattresses.....	14214	Wright Motor Lines, Inc., accident.....	14405
Wirt County, W. Va., Cow Run sand and Burning Springs pool, secondary oil recovery possibilities.....	14745	Wrigley, Ada, programmes d'assurance et garantie de credit applicables aux exportations des Etats Unis.....	13824
Wirtz, W. Willard: addresses, etc.—		Apr. 3, 1963.....	13854
Apr. 3, 1963.....	14662	Wu, Chang In, relief.....	13854
Oct. 23, 1963.....	14666	Wyoming, snow survey measurements, 1919-63.....	15090
Feb. 11, 1964.....	14665		
July 9, 1964.....	14661	X	
Wisconsin, electric rate book.....	14251	X-15 airplane, <i>see</i> Airplanes.	
Witzigman, Frederick S., determination of fluvial sediment discharge.....	14363	X-rays, irradiation, influence on microsome oxidase and reductase activity in livers of young male rats.....	13651
Wolfbein, Seymour L., address, June 23, 1964.....	14677		
Women: job holders, significance of research (address).....	15177	Y	
job horizons for college women in 1960's.....	15175	Yaffee, Phillip, integrated system for collecting and analyzing environmental test data.....	14863
legal status—		Yakima project, Kennewick division extension, construction, etc., report.....	14050
Maine.....	15173	Yancey, Marion H., jr.: C-135B category 2 performance tests.....	13613-614
North Carolina.....	15174	C-135B limited category 2 stability and control tests.....	13616
State labor laws, summaries, North Dakota.....	15176	Yarn: production, 1963, current industrial reports.....	13761
workers, 1960—		quality, effects of gin drying and cleaning of cotton on fiber length distribution.....	13589
Maine.....	15178	Yat-37D systems evaluation.....	13619
West Virginia.....	15179	Yazoo River Delta, cotton, fiber and spinning properties, as affected by certain harvesting and ginning practices, 1959-60.....	13587
Women's Bureau, bulletins.....	15173-175	Young, Earle W., helium mass spectrometer leak detector.....	14834
Wood, John F., relief.....	13862		
Wood, L. E., protection of reinforcing steel.....	14207		

INDEX

	Entry	Z	Entry
Youth: antisocial behavior of minor in United States, statistical as- pects -----	13783	Zener, Margot W., foreign trade reg- ulations of Fed. Rep. of Ger- many -----	14379
fair labor standards act, message to young workers -----	15147	Zinc: disposal from national stockpile— hearing -----	13988
Job Corps, establish— hearings -----	14152	reports -----	13947, 14096
report -----	14120	Zirconium, stainless-steel-lined zir- caloy-2, fabrication of full rods, design -----	13695
Yugoslavia, agricultural commodities, agreements -----	15108-109, 15111		



**UNITED STATES
GOVERNMENT PRINTING OFFICE**
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

**PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300
(GPO)**